1 COMPONENT		EY 200	5 MIL	ITARY (	CONST	RUCTIO		SRAM	2 DATE	
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END FY 2008	<b>623</b>	4302 5065	5 <b>80</b>	$\tilde{z}$	21 21	Ŭ	15	142	126	0,42
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e. Authorization Inclu	idea in the	e Following	g Prog	ram:	(FY 200	JO)				7,20
r. Planned in Next Tr	free Years	s Program								60,52 05 50
g. Remaining Deficie	ency:								-	
n. Grand Total:										909,97
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8. PROJECTS REQU	JESTEDT	N THIS PI	KOGR/	AM:			(FY 200	о) СОСТ	DECION	OTATUO
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171-475	CCS - In		J Rang	е		1,025	SM	2,200	Mar U3	Sep 04
141-454	Combat	Control Sc	hool			5, 036	SM	12,950	Desig	n <del>-</del> Bulla
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9a. Future Projects:	Included	in the ⊦oll	owing	Program	า:	(F 1	2006)	~ ~ ~ ~ ~		
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Z18-71Z	AGE Fac	cility				<i>2,</i> 800	SM	7,200		
z18-71z		cility				<i>2,</i> <b>800</b> Total	SM	7, 200 7, 200		
9b. Future Projects:	AGE Fac	cility lanned Ne	xt Thre	ee Years	3:	<i>2, 800</i> Total	SM	7, 200 7, 200		
218-712 9b. Future Projects: 721-312	AGE Fac Typical P Dormitor	lanned Ne y (120 Rm	<u>xt Thre</u> )	ee Years	6:	2, 800 Total 120	SM RM	7, 200 7, 200 12, 000		
218-712 9b. Future Projects: 721-312 141-454	AGE Fac Typical P Dormitor Special (	lanned Ne y (120 Rm Operations	<u>xt Thre</u> ) Facilit	ee Year	5:	<i>2, 800</i> Total <i>120</i> 1,578	SM RM SM	7, 200 7, 200 12, 000 3, 325		
218-712 9b. Future Projects: 721-312 141-454 217-713	AGE Fac Typical P Dormitor Special ( A-10 EC	ility lanned Ne y (120 Rm Operations M Mainten	xt Thre ) Facilit	ee Years ty Facility	6:	2, 800 Total 120 1,578 2, 600	SM RM SM SM	7, 200 7, 200 12, 000 3, 325 4, 800		
218-712 9b. Future Projects: 721-312 141-454 217-713 149692	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat	ility lanned Ne y (120 Rm Operations M Mainten ion I Contr	xt Thre ) Facilit ance F ol Tow	ee Years ty Facility rer	5:	2,800 Total 1,578 2,600 4,093	SM RM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0	00	
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat	xt Thre Facilit ance F ol Tow	ee Years ty Facility er quadron	<u>s:</u> Fac	2, 800 Total 1,578 2, 600 4,093 4, 750	SM RM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500	00	
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152	AGE Fac Typical P Dormitor Special 0 A-10 EC Fire Stat Air Supp A-1 0 Air	Lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint	xt Thre Facilit ance F ol Tow ions So enance	ee Years ty Facility rer quadron e Facility	5: Fac	2,800 Total 120 1,578 2,600 4,093 4,750 2,200	RM SM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100	00	
<b>218-712</b> 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatio	ility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C	xt Thre Facilit ance F ol Tow ions Se enance Center I	ee Years Facility er quadron e Facility I Library	5: Fac	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324	SM RM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800	00	
<b>218-712</b> 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatio	ility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C	xt Thre Facilit ance F ol Tow ions So enance Center	ee Years Facility er quadron e Facility I Library	s: Fac	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	
<b>218-</b> 712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatio	ility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C	xt Thre Facilit ance F ol Tow ions So enance Center	ee Years Facility rer quadron e Facility I Library	s: Fac	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	
<b>218-712</b> <b>9b.</b> Future Projects: <b>721-312</b> <b>141-454</b> <b>217-713</b> <b>149692</b> <b>141-753</b> <b>211-152</b> 730-441 <b>9c.</b> Real Property M.	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatio	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C e Backlog	xt Thre Facilit ance F ol Tow ions So cenance Center I	ee Years Facility er quadron e Facility I Library	s: Fac /	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12
<b>218-712</b> <b>9b.</b> Future Projects: <b>721-312</b> <b>141-454</b> <b>217-713</b> <b>149692</b> <b>141-753</b> <b>211-152</b> 730-441 <b>9c.</b> Real Property M. 10. Mission or Major	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions	cility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint ion - PME C <u>e Backlog</u> s: An airlift	xt Thre Facilit ance F ol Tow ions So center I This In wing v	ee Years Facility er quadron e Facility I Library <u>Installatic</u> with two	s: Fac / <u>on (\$M)</u> C-130	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	RM SM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12 up with <b>two</b>
<b>218-712</b> <b>9b.</b> Future Projects: <b>721-312</b> <b>141-454</b> <b>217-713</b> <b>149692</b> <b>141-753</b> <b>211-152</b> 730-441 <b>9c.</b> Real Property M. 10. Mission or Major A/0A-10 squadrons;	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A	cility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint in - PME C <u>e Backlog</u> s: An airlift vFSOC squ	ext Three Facilities F	ee Years Facility er quadron e Facility I Library <u>Installatic</u> with two s.	s: Fac / <u>on (\$M)</u> C-130	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	RM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00 tions grou	12 up with <b>two</b>
<b>218</b> -712 <b>9b.</b> Future Projects: <b>721-312</b> <b>141-454</b> <b>217-713</b> <b>149692</b> <b>141-753</b> <b>211-152</b> 730-441 <b>9c.</b> Real Property M 10. Mission or Major A/0A-10 squadrons;	AGE Fac Typical P Dormitor Special 0 A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A	cility <u>lanned Ne</u> y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift vFSOC squ	ext Three Facilities Facilities Facilities Fol Tow ions Se ions Se ion	ee Years Facility er quadron Facility I Library <u>I Library</u> <u>I stallatic</u> with two s.	Fac / / C-130 ;	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	RM SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12 ip with <b>two</b>
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M. 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C <u>e Backlog</u> s: An airlift vFSOC squ Safety (O	ext Thre Facilit iance F ol Tow ions So ienance Center I This In wing V Jadron	ee Years Facility er quadron e Facility I Library <u>nstallatic</u> with two s.	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12 19 with two
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll a. Air pollution	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint n - PME C <u>e Backlog</u> s: An airlift kFSOC squ Safety (O	ext Three Facilities Facilities Facilities Fol Tow ions So ions So ion	ee Years Facility rer quadron Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> Octicient	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12 Ip with <b>two</b>
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll a. Air pollution	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift kFSOC squ Safety (O	ext Thre Facilit iance F rol Tow ions So ienance Center 1 This In Wing V Jadron	ee Years Facility rer quadron Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>Opticience</u>	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525	00	12 up with <b>two</b>
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll a. Air pollution b. Water Pollutio	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Education aintenance Functions and two A ution and	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O	ext Thre Facilit iance F rol Tow ions So ienance Center I This In Wing V Jadron	ee Years Facility rer quadron Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u>	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,00 8,500 5,100 12,800 60,525 nter opera	00	12 ip with <b>two</b>
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollution	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and	cility lanned Ne y (120 Rm Operations M Mainten ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O	ext Thre Facilit iance F ol Tow ions So ienance Center I This In Wing N Jadron: SHA) L	ee Years Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u>	Fac / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM SM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	12 ip with two
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollutio         c. Occupational	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an	cility lanned Ne y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre Facilit iance F ol Tow ions So ienance Center I This In Wing V Jadron SHA) L	ee Years Tacility Facility er quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u>	Fac / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM SM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	12 ip with two
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll a. Air pollution b. Water Pollutio c. Occupational	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an	cility lanned Ne y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre Faciliti iance F ol Tow ions So ienance Center I This In Wing V Jadron: SHA) L	ee Years fy Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>Ostallatic</u> with two s.	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	12 ip with <b>two</b>
218-712 9b. Future Projects: 721-312 141-454 217-713 149692 141-753 211-152 730-441 9c. Real Property M 10. Mission or Major A/0A-10 squadrons; 11. Outstanding poll a. Air pollution b. Water Pollutio c. Occupational d. Other Enviror	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an mental	cility lanned Ne y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre Faciliti iance F ol Tow ions So ienance Center I This In Wing V Jadron: SHA) L	ee Years fy Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>Ostallatic</u> with two s.	Fac , ( ) (\$M) C-130 ; ;	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	12 ip with <b>two</b>
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M.         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollution         c. Occupational         d. Other Enviror	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an mental	cility <u>lanned Ne</u> y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre Facilit iance F ol Tow ions Se ienance Center I This In wing V Jadron: SHA) L	ee Years fy Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>Deficience</u>	Fac , (\$M) C-130 ;	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	IP with two
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M.         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollutio         c. Occupational         d. Other Enviror	AGE Fac Typical P Dormitor Special ( A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an mental	cility <u>lanned Ne</u> y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre ) Faciliti iance F ol Tow ions Se tenance Center I This In uadron: SHA) L	ee Years fy Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>I Library</u>	Fac , ( ) (\$M) C-130 ; ; ;	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	IP with two
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M.         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollutio         c. Occupational         d. Other Enviror	AGE Fac Typical P Dormitor Special A A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an mental	cility <u>lanned Ne</u> y (120 Rm Operations M Mainter ion I Contr ort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre Facilit iance F ol Tow ions Se ienance Center I This In uadron: SHA) L	ee Years ty Facility rer quadron e Facility I Library <u>I Library</u> <u>I Library</u> <u>I Library</u> <u>I Library</u>	Fac / / C-130 ; cies:	2, 800 Total 120 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	IP with two
218-712         9b. Future Projects:         721-312         141-454         217-713         149692         141-753         211-152         730-441         9c. Real Property M.         10. Mission or Major         A/0A-10 squadrons;         11. Outstanding poll         a. Air pollution         b. Water Pollutio         c. Occupational         d. Other Enviror	AGE Fac Typical P Dormitor Special A A-10 EC Fire Stat Air Supp A-I 0 Air Educatic aintenance Functions and two A ution and Safety an mental	cility <u>lanned Ne</u> y (120 Rm Operations M Mainter ion I Contr iort Operat craft Maint on - PME C <u>e Backlog</u> s: An airlift \FSOC squ Safety (O d Health	ext Thre ) Faciliti iance F ol Tow ions Se ienance Center I This In uadron: SHA) L	ee Years Facility er quadron e Facility I Library <u>Installatic</u> with two s.	Fac / / C-130 : cies:	2, 800 Total 1,578 2, 600 4,093 4, 750 2, 200 5, 324 Total	SM RM SM SM SM	7,200 7,200 12,000 3,325 4,800 14,0 8,500 5,100 12,800 60,525 nter opera	00	IP with two

ALM FORCE       (Computer generator)         3. INSTALLATION AND LOCATION       4. PROJECT TITLE         POPE AIR FORCE BASE, NORTH CAROLINA       COMBAT CONTROL SCHOOL         5. FROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000)         85796       141-454       TMCH023004       12,950         JITEM       U/N QUANTITY       UNIT       COST         COMBAT CONTROL SCHOOL         SCOST ESTIMATES         JITEM       U/N QUANTITY       UNIT       COST         COMBAT CONTROL SCHOOL         SM       3,281       1,597       (5,239)         SCOST ESTIMATES         UNIT       UNIT       COST         COMBAT CONTROL SCHOOL       9,431         SCOST ESTIMATES         UNIT       9,431         SCOST ESTIMATES         UNIT       0,431       1,4171         INTERS SUBJICT CHAINING FACILITY       SN 1       1,124       1,921       (2,159)         RELOCATE PORE PARK       LS 1       LS 1       (475)         OPE PARK       LS 1       (568)	1. COMPONENT		FY 2005 MILITARY	CONSTRU	CTIO	N PROJECT	DATA	2. DATE		
3. INSTALLATION AND DUCKTOR         4. FRODE ITTLES           DOPE ALR PROCE BASE, NORTH CAROLINA         COMBAT CONTROL SCHOOL           5. PROGRAM ELEMENT         6. CATEGORY CODE         7. PROJECT NUMBER         8. FROJECT COST (\$000)           85796         141-454         TMKH023004         12,950           5. COST ESTIMATES         0.         9,431           SCHOOL BUILDING         SM         6.31         1,817         (1,147)           INDOOR AQUATIC TRAINING FACILITY         SM         5.31         (.800)         (.800)           SUPPORTING FACILITES         LS         (.800)         (.800)         (.800)           UTLLITES         LS         (.800)         (.800)         (.800)           DEMOLITION         LS         (.800)         (.800)         (.800)           SUPFORTING FACILITES         LS         (.800)         (.800)         (.800)           DEMOLITION         LS         I.51         (.800)	AIR FORCE			iter gen						
FOFE ALK FORCE SARS, NORTH CAROLINA       COMMAT CONTROL SCHOOL         5. FROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000)         85796       141-454       TMKR023004       12,950         9. COST ESTIMATES       UNIT       CONT         COMBAT CONTROL SCHOOL       9.431       2,950         SCHOOL BUILDING       SM       6.31       1,817       (1,147)         INDOR AQUATIC TRAINING FACILITY       SM       6.31       1,817       (1,147)         INDOR AQUATIC TRAINING FACILITY       SM       6.31       1,817       (1,147)         INDOR AQUATIC TRAINING FACILITY       SM       1,124       1,921       (2,159)         RELOCATE PORE PARK       LS       (86)       (86)         SUPFORTING FACILITIES       LS       (475)       (800)         UTILITIES       LS       (475)       (200)       (100)         SUPORTING FACILITIES       LS       (200)       (100)       (200)         SUPORTING FACILITIES       LS       (200)       (100)       (200)       (200)       (200)         SUPORTING FACILITIES       LS       (100)       (200)       (200)       (200)       (200)       (200)       (200)       (200) </td <td>3. INSTALLATIO</td> <td>N AND I</td> <td>JOCATION</td> <td></td> <td colspan="6">4. PROJECT TITLE</td>	3. INSTALLATIO	N AND I	JOCATION		4. PROJECT TITLE					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. FROJECT COST (\$000) 85796 141-454 TMKH023004 12,950 9. COST ESTIMATES  TEM TEM TIPM TIMENC23004 12,950 9. COST ESTIMATES COMBAT CONTROL SCHOOL SCHOO	POPE AIR FORCE	E BASE,	NORTH CAROLINA		COMB	AT CONTROI	SCHOOL			
85796     141-454     TMCH023004     12,950       9. COST ESTIMATES	5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	ECT	NUMBER	8. PROJECT	COST (\$000)		
9. COST ESTIMATES       ITEM     UNIT     COST       COMBAT CONTROL SCHOOL     9,431       SCHOOL BUILDING     SM     3,281     1,597     (5,239)       FITNESS BUILDING     SM     631     1,817     (1,147)       INDOR AQUATIC TRAINING FACILITY     SM     631     1,817     (1,147)       INDOR AQUATIC TRAINING FACILITY     SM     631     1,817     (1,147)       INDOR AQUATIC TRAINING FACILITY     SM     1,124     1,921     (2,159)       RAPPEL/CLIMBING TONER     LS     (860)     (500)       NUTITERRORISM FORCE PROTECTION     LS     (861)     (475)       SUPEORTING FACILITIES     LS     (2000)     (2000)       DEMODITION     LS     (100)     (100)       DEMODITION     LS     (100)     (100)       SUPEOVISION, INSPECTION AND OVERHEAD     (5,7 %)     12,249       SUPEOVISION, INSPECTION AND OVERHEAD     (5,7 %)     12,948       TOTAL REQUEST     (CONTRACT COST     12,950       EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)     (375 )     10.       Description of Proposed Construction: Reinforced concrete foundation and floor       slandards.     11. REQUEST     (2050)       11. REQUEST     (Construct Combat Control School (New Mission)	85796		141-454	TM	кн023	004	12	2,950		
ITEM         U/M         QUANTITY         COST           COMEAT CONTROL SCHOOL         9,431			9. COS:	T ESTIM	ATES	I				
COMMART CONTROL SCHOOL       9,431         SCHOOL BUILDING       SM       3,281       1,597       (5,239)         FITNESS BUILDING       SM       631       1,817       (1,147)         INDOOR AQUATIC TRAINING FACILITY       SM       1,124       1,921       (2,159)         RAPEL/CLIMBING TONER       LS       (300)       (500)         RADECATE POPE PARK       LS       (300)         SUPFORTING FACILITIES       LS       (475)         DEMOLITION       LS       (200)         DEMOLITION       LS       (100)         DEMOLITION       LS       (100)         SUPERVISION, INSPECTION AND OVERHEAD       (5.7 %)       (375)         TOTAL CONTRACT COST       SUPERVISION, INSPECTION AND OVERHEAD       (5.7 %)         SUPERVISION, INSPECTION AND OVERHEAD       (5.7 %)       (375)         10. DESCRIPTION       DESCRIPTION       Request       (2,950)         EQUIPMENT FROM OTHER APPEOPRIATIONS (NON-ADD)       (375)       (375)         10. DESCRIPTION S.       SUBSTANDARD: 1,116SM       FROUECT:         REQUIFIENT: T. 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116SM         FROUTENT: THE USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 st			ITEM		U/M	QUANTITY	UNIT	COST		
SCHOOL BUILDINGSM3,2811,597(5,239)FITNESS BUILDINGSM6311,817(1,147)INDOOR AQUATIC TRAINING FACILITYSM6311,817(1,147)RAPPEL/CLIMEING TONERLS(300)(300)RELOCATE POPE PARKLS(66)SUPPORTING FACILITIESLS(66)SUPPORTING FACILITIESLS(475)PAVEMENTSLS(556)SITE IMPROVEMENTSLS(200)DENOLITIONLS(200)COMMUNICATIONSLS(100)SUPERVISION, INSPECTION AND OVERHEAD (5.7 \$)583TOTAL CONTRACT COST12,248SUPERVISION, INSPECTION AND OVERHEAD (5.7 \$)12,249TOTAL REQUEST(2000)IO. Description of Proposed Construction: Reinforced concrete foundation and floorslabs, steel frame, split face concrete block exterior, standing seam metal roof andall necessary and required work associated with this project. Antiterrorism forceprotection measures will comply with minimum DOD Force Protection ConstructionStandards.11. REQUIREMENT: 5,606 SMADEQUATE: 0 SMSUBSTANDARD: 1,116 SMPROJECT:Construct Combat Control School (New Mission)REQUIREMENT:Facilities constrain student entries to a maximum of 96entries, with production further limited by attrition to approximately 65 students, orless than 48% of requirements. Facility needs include classrooms, labs spaces, officesfor instructors, supply storage and office, equipment storage, radio maintenance room,	COMBAT CONTROL	SCHOOL						9,431		
FITNESS BUILDING       SM       631       1,817       (1,147)         INDOOR AQUATIC TRAINING FACILITY       SM       1,124       1,921       (2,159)         RAPPE/CLIMEING TONER       LS       (300)       (500)       (2,159)         RELOCATE POPE PARK       LS       (475)       (475)         SUPPORTING FACILITIES       LS       (475)         UTILITIES       LS       (200)         DEMOLITION       LS       (100)         DEMOLITION       LS       (200)         COMMUNICATIONS       LS       (100)         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       (200)         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       12,948         TOTAL REQUEST       11,666         CONTINGENCY       (5.0 %)       12,948         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,948         EQUIPMENT FROM OTHER APEROPRIATIONS (NON-ADD)       (375)         10. Description of Proposed Construction: Reinforced concrete foundation and floor         slab, steel frame, split face concrete block exterior, standing seam metal roof and         all necessary and required work associated with this project. Antiterrorism force         PROJECT:       Construct Combat Control School (New Mission)	SCHOOL BUILDI	NG			SM	3,281	1,597	(5,239)		
INDOOR AQUATIC TRAINING FACILITY       SM I       1,124       1,921       (2,159)         RAPPEL/CLIMENG TOMER       LS       (300)         RELOCATE POPE PARK       LS       (475)         ANTITERRORISM FORCE PROTECTION       LS       (475)         SUPPORTING FACILITIES       LS I       (200)         UTILITIES       LS I       (200)         DEMOLITION       LS I       (200)         DEMOLITION       LS I       (200)         DEMOLITION       LS I       (200)         DEMOLITION       LS I       (100)         SUBTOTAL       (5.0 %)       (100)         SUBTOTAL       I1,666       583         CONTINGENCY (5.0 %)       583       12,249         TOTAL REQUEST       11,666       583         TOTAL REQUEST (ROUNDED)       12,950       12,948         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375)       10.         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DOD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116 SM <td>FITNESS BUILD</td> <td>ING</td> <td></td> <td></td> <td>SM</td> <td>631</td> <td>1,817</td> <td>(1,147)</td>	FITNESS BUILD	ING			SM	631	1,817	(1,147)		
RAPPEL/CLIMBING TONER       LS       (300)         RELOCATE POPE PARK       LS       (500)         ANTITERRORISM FORCE PROTECTION       LS       (86)         SUPPORTING FACILITIES       2,235         UTILITIES       LS I       (475)         PAVEMENTS       LS I       (200)         DEMOLITION       LS       (100)         DEMOLITION       LS       (100)         DEMOLITION       LS       (100)         COMMUNICATIONS       LS       (200)         CONTINGENCY       (5.0%)       (100)         SUBERVISION, INSPECTION AND OVERHEAD       (5.7%)       (100)         SUBERVISION, INSPECTION AND OVERHEAD       (5.7%)       (375)         TOTAL REQUEST       12,948       12,948         TOTAL REQUEST (ROUNDED)       12,950       (375)         10. Description of Proposed Construction: Reinforced concrete foundation and floor       slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force         PROJECT: Construct Combat Control School (New Mission)       REQUIREMENT:         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control         Apprentice graduates annually. This requires 172 students to start the coures to mee	INDOOR AQUATI	C TRAIN	ING FACILITY		SM -	1,124	1,921	(2,159)		
RELOCATE POPE PARK       LS       ( 500 )         ANTITERRORISM FORCE PROTECTION       LS       ( 500 )         SUPPORTING FACILITIES       ( 86 )         SUPPORTING FACILITIES       2,235         UTILITIES       LS I       ( 475)         PAVEMENTS       LS I       ( 475)         DEMOLITION       LS       ( 200)         DEMOLITION       LS       ( 100)         SUBTOTAL       ( 5.0 %)       583         TOTAL CONTRACT COST       SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       12,948         TOTAL REQUEST       111,666       638         TOTAL REQUEST       12,948       12,948         TOTAL REQUEST (ROUNDED)       12,948       12,948         TOTAL REQUEST (COUNDED)       12,948       12,948	RAPPEL/CLIMBI	NG TONE	R		LS			( 300 )		
ANTITERRORISM FORCE PROTECTION       LS       (86)         SUPPORTING FACILITIES       (186)         UTILITIES       LS I       (475)         PAVEMENTS       LS I       (475)         DEMOLITION       LS       (900)         DEMOLITION       LS       (200)         COMMUNICATIONS       LS       (100)         SUBTORAL       (5.0 %)       11,666         CONTINGENCY       (5.0 %)       563         TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD       (5.7 %)         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,948         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DOD Force Protection Construction Standards.         11. REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduates annually. This requires 172 students to start the course to meet for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymasium, a rappel and climbing tower, an aqq	RELOCATE POPE	PARK			LS			( 500 )		
SUPPORTING FACILITIES       2,235         UTILITIES       LS I       (475)         PAVEMENTS       LS I       (200)         SITE IMPROVEMENTS       LS I       (200)         DEMOLITION       LS I       (200)         COMMUNICATIONS       LS I       (2000)         SUBTOTAL       I1,666       583         CONTINGENCY (5.0 %)       583       12,249         SUBTOTAL       11,666       583         TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       688         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor         slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116 SM         FROJECT:       Construct Combat Control School (New Mission)       REQUIREMENT:         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 1/2	ANTITERRORISM	FORCE	PROTECTION		LS	ł		(86)		
UTILITIES LS I (475) PAVEMENTS LS I (568) SITE IMPROVEMENTS LS I (568) SITE IMPROVEMENTS LS I (900) DEMOLITION LS (900) COMMUNICATIONS LS (100) SUBTOTAL (5.0 %) TOTAL CONTRACT COST (11,666 TOTAL CONTRACT COST (12,249 SUPERVISION, INSPECTION AND OVERHEAD (5.7 %) (12,249 SUPERVISION, INSPECTION AND OVERHEAD (5.7 %) (12,948 TOTAL REQUEST (12,948 TOTAL REQUEST (ROUNDED) (12,950 EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (11,950 EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (1375 ) 10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DOD Force Protection Construction Standards. 11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM <u>PROJECT:</u> Construct Combat Control School (New Mission) <u>REQUIREMENT:</u> The USAF has validated requirements to produce 139 Combat Control Apprentic graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 46% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, and aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	SUPPORTING FAC	ILITIES						2,235		
PAVEMENTS       LS I       ( 568)         SITE IMPROVEMENTS       LS I       ( 900)         DEMOLITION       LS       ( 200)         COMMUNICATIONS       LS       ( 100)         SUBTOTAL       Il.666       ( 100)         CONTINGENCY ( 5.0 %)       583       11,666         TOTAL CONTRACT COST       12,249       698         TOTAL REQUEST       12,948       12,948         TOTAL REQUEST (ROUNDED)       12,950       698         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       ( 375 )       10.         10. Description of Proposed Construction: Reinforced concrete foundation and floor stabas, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM         PROJECT:       Construct Combat Control School (New Mission)         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96         entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, suppl	UTILITIES				LS ]	I		<b>(</b> 475)		
SITE IMPROVEMENTS       LS       (900)         DEMOLITION       LS       (100)         COMMUNICATIONS       LS       (100)         SUBTOTAL       Is       (100)         CONTINGENCY (5.0%)       583       12,249         SUPEVISION, INSPECTION AND OVERHEAD (5.7%)       698       698         TOTAL REQUEST       12,948       12,948         TOTAL REQUEST (ROUNDED)       12,950       (375)         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375)       (375)         10. Description of Proposed Construction: Reinforced concrete foundation and floor stabas, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DOD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUESTANDARD: 1,116 SM         FEOJECT: Construct Combat Control School (New Mission)         REQUIREMENT: The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climb	PAVEMENTS				LS	Ī		(568)		
DEMOLITION       LS       (200)         COMMUNICATIONS       LS       (100)         SUBTOTAL       I.S       (100)         CONTINGENCY (5.0 %)       583         TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       698         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor         slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force         protection measures will comply with minimum DoD Force Protection Construction         Standards.         11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM         PROJECT: Construct Combat Control School (New Mission)         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control         Apprentice graduates annually. This requires 172 students to start the course to meet         graduation numbers. Current facilities constrain student entries to a maximum of 96         entries, with production further limited by attrition to approximately 66 students, or         less than 48% of requirements. Facility needs include classtrooms, labs spaces, offices	SITE IMPROVEM	eNTS			LS	-		( 900 )		
COMMUNICATIONSLS( 100)SUBTOTAL( 5.0 %)11,666CONTINGENCY ( 5.0 %)583TOTAL CONTRACT COST12,249SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)698TOTAL REQUEST12,948TOTAL REQUEST (ROUNDED)12,950EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)( 375 )10. Description of Proposed Construction: Reinforced concrete foundation and floorslabs, steel frame, split face concrete block exterior, standing seam metal roof andall necessary and required work associated with this project. Antiterrorism forceprotection measures will comply with minimum DoD Force Protection ConstructionStandards.11. REQUIREMENT: 5,606 SMADEQUATE: 0 SMSUBSTANDARD: 1,116 SMPROJECT: Construct Combat Control School (New Mission)REQUIREMENT:REQUIREMENT:The USAF has validated requirements to produce 139 Combat ControlApprentice graduates annually. This requires 172 students to start the course to meetgraduation numbers. Current facilities constrain student entries to a maximum of 96entries, with production further limited by attrition to approximately 66 students, orless than 48% of requirements. Facility needs include classrooms, labs spaces, officesfor instructors, supply storage and office, equipment storage, radio maintenance room,parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, anaquatic training facility, an indoor firing range, and secure parking space forgovernment vehicles. Demolition involves Pope Park's pavements, latrines and some<	DEMOLITION				LS			(200)		
SUBTOTAL       11,666         CONTINGENCY (5.0 %)       583         TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)       698         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUESTANDARD: 1,116 SM         PROJECT: Construct Combat Control School (New Mission)         REQUIREMENT: The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	COMMUNICATION	S			LS			( 100)		
CONTINGENCY ( 5.0 %)       583         TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       698         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       ( 375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM         PROJECT: Construct Combat Control School (New Mission)         REQUIREMENT: The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	SUBTOTAL							11,666		
TOTAL CONTRACT COST       12,249         SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       698         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       ( 375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUESTANDARD: 1,116 SM         PROJECT:       Construct Combat Control School (New Mission)       REQUIREMENT:         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	CONTINGENCY	( 5.0	<del>ዩ</del> )					583		
SUPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       698         TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       ( 375 )         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116 SM         PROJECT:       Construct Combat Control School (New Mission)         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	TOTAL CONTRACT	COST						12,249		
TOTAL REQUEST       12,948         TOTAL REQUEST (ROUNDED)       12,948         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375)         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116 SM         PROJECT:       Construct Combat Control School (New Mission)         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	SUPERVISION, I	NSPECTIO	ON AND OVERHEAD (	5.7 %)				698		
TOTAL REQUEST (ROUNDED)       12,950         EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)       (375)         10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.         11. REQUIREMENT: 5,606 SM       ADEQUATE: 0 SM       SUBSTANDARD: 1,116 SM         PROJECT:       Construct Combat Control School (New Mission)         REQUIREMENT:       The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	TOTAL REQUEST		·	• • •				12,948		
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (375) 10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards. 11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM <u>PROJECT:</u> Construct Combat Control School (New Mission) <u>REQUIREMENT:</u> The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	TOTAL REQUEST	(ROUNDE	וח					12,950		
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<ul> <li>10. Description of Proposed Construction: Reinforced Contract Foundation and Field slabs, steel frame, split face concrete block exterior, standing seam metal roof and all necessary and required work associated with this project. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards.</li> <li>11. REQUIREMENT: 5,606 SM ADEQUATE: 0 SM SUBSTANDARD: 1,116 SM PROJECT: Construct Combat Control School (New Mission)</li> <li>REQUIREMENT: The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.</li> </ul>		n of D	monogod Construction	, Pein	forde	d gongrete	foundation	and floor		
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<u>PROJECT:</u> Construct Combat Control School (New Mission) <u>REQUIREMENT:</u> The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	11. REQUIREMENT	: 5,6	06 SM ADEQUATE:	0 SM	SUB	STANDARD:	1,116 SM			
<b>REQUIREMENT:</b> The USAF has validated requirements to produce 139 Combat Control Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	PROJECT: Const	truct Co	ombat Control School	(New M	issio	n)				
Apprentice graduates annually. This requires 172 students to start the course to meet graduation numbers. Current facilities constrain student entries to a maximum of 96 entries, with production further limited by attrition to approximately 66 students, or less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pope Park's pavements, latrines and some storage facilities.	<b>REQUIREMENT:</b>	The USA	F has validated requ	uirement	s to	produce 1	39 Combat Co	ontrol		
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storage facilities.	less than 48% of requirements. Facility needs include classrooms, labs spaces, offices for instructors, supply storage and office, equipment storage, radio maintenance room, parachute shop, a vehicle maintenance shop, a gymnasium, a rappel and climbing tower, an aquatic training facility, an indoor firing range, and secure parking space for government vehicles. Demolition involves Pore Park's pavements latrines and some									
	storage facili	ties.			-			-		
CURRENT SITUATION: The Joint Special Operations Command requires the real property that	CURRENT SITUAT	ION: T	he Joint Special Ope	erations	Com	and requi	res the real	property that		

DD FORM 1391, DEC 99 Previous editions are obsolete.

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Page No.

1. COMPONENT AIR FORCE	FY 2005 MILITARY (comp	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)							
3. INSTALLATIO	N AND LOCATION	ND LOCATION 4. PROJECT TITLE							
POPE AIR FORCE	E BASE, NORTH CAROLINA	COMBAT CONTRO	DL SCHOOL						
5. PROGRAM ELE	MENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)						
85796	141-454	TMKH023004	12,950						

the CCS occupies for expansion. This, coupled with the constrained course capacity of this USAF designated Critical AFSC, requires relocation and a new facility to conduct the mission. USAF approved Trained Personnel Requirements (TPR) call for 172 students to begin the CCS annually to meet a graduation need of 139 Combat Control Apprentice students. As a complex special operations career field, CCT requires all students to be trained and highly proficient in all aspects of forward air traffic control, airborne, air-land, and waterborne infiltration, weapons and field tactics. Students are also trained on tactical communication systems, airfield marking and electronic navigation aids, weather observation, tactical and all terrain vehicle operations, and explosive ordnance disposal to remove obstacles and unexploded munitions on airfields. Current aquatic training is limited due to scheduling through the Fort Bragg owned and operated year round pools. Even as a school, the priority for training goes to US Army units first, causing the school to often lose valuable and required training. Small arms ranges are also prioritized to Army units, causing further training difficulties. Other supplemental courses conducted at the facility include three Survey Courses annually (12 students per), three Jumpmaster Courses (24 students per), and two Team Leader Courses (18 students per). These courses provide unique CCT supplemental training that is essential for continued successful operational employment of CCT. All graduates of this course are assigned to AF Special Operations Command (AFSOC) to conduct a wide range of critical special operations missions that have been singled out by leadership as essential to the successful application of airpower.

<u>IMPACT IF NOT PROVIDED:</u> Begining in FY 04, the school must increase training capacity to meet a USAF Chief of Staff directive and the current facilities will not provide enough space to train the additional student populations. Over \$3M of combat equipment supplies and parachute systems will not have adequate, or properly controlled, storage and working areas. The additional instructors will not have adequate private spaces fox counseling students. If not funded, the Combat Control School will be prevented from increasing the production of Combat Controllers to meet Air Force warfighter needs in the current global war on terrorism, as well as any future requirements.

<u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. This project will also construct a replacement recreation park that it will displace. Base Civil Engineer: Lt Col James E. Welter, (910) 394-2561. US Special Operations Command to provide \$4.3M to fund this project since USOCOM requirements displaces the current combatant controller school. 5036 SM = 54,207 SF. Design Build - Design Cost (4% of subtotal cost): \$466,000

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

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1. COMPONENT AIR FORCE		FY 2005 MILITA	RY CO mpute	ONSTRUCTION er generate	N PROJECT	DATA	2	. DATE
3. INSTALLATIO	N AND L	OCATION		4. P	ROTECT TT	т.в.	-	
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12. SUPPLEMEN	TAL DATA	:						
a. Estimate	d Design at to b	Data:	z des	im-build	procedures			
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(2) Dasis (a) S (b) W	tandard here Des	or Definitive Des ign Was Most Rec	sign ently	- Vsed -				NO
(3) All C	ther Des	ign Costs						350
(4) Const	ruction	Contract Award					05	MAY
(5) Const	ruction	Start					05	JUN
(6) Const	ruction	Completion					06	JUN
(7) Energ	y Study	/Life-Cycle analy	sis	was/will b	e performe	ed		NO
b. Equipmen	t associ	ated with this p	proje	ct provide	d from ot	her appropriat	ion	s:
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OPE AIR FORCE BASE, NORTH CAROLINA       ccs - INDOOR FIRING RANGE         . FROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000)         05796       171-475       TMM4023004P3       2,200         9. COST ESTINGTES	3. INSTALLATION AND L	OCATION		4. P	ROJECT TI	ITLE	
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05796     171-475     TMCH023004P3     2,200       S. COST ESTILGATES       ITEM     I/M     DUNTIL     UNIT     COST       IS - INDOOR FIRING RANGE     I/M     DUNTIL     UNIT     COST       ST - INDOOR FIRING RANGE     I/M     DUNTIL     UNIT     COST       ST - INDOOR FIRING RANGE     I/M     DUNTIL     UNIT     COST       ST - INDOOR FIRING RANGE     SM     1,00     (1,443       FIRING RANGE     SM     1,00     (1,443       DPPORTING FACILITIES     IS     (85)       TILLITIES     IS     (34)       DOMENTICATIONS     IS     (34)       NOTINGENCY     (5.0 %)     119       TAL CONTRACT COST     PREVISION, INSPECTION AND OVERHEAD     (5.7 %)       TAL REQUEST     (CONTRACT COST     2,000       PREVISION, INSPECTION AND OVERHEAD     (5.7 %)     119       TAL REQUEST     2,010     2,000       . REQUIRENT:     1,02     ADEQUATE: 0     SUBTAINABOOR firing range       REQUEST     So DADOT Firing Range (Current Mission)     QUIENEMY:     ADEQUATE: 0     SUBTAINARD: 0       OMEENT:     I.OSC ADEAT CORT Farage are not able to be efficiently used and neutring range be constructed with 25 meter     Infining namage be constructed with 25 meter       RENT	5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	JECT	NUMBER	8. PROJECT C	OST (\$000)
3. COST ESTINGATES         ITEM       I/M       QUANTI3.       UNIT       COST         IS - INDOOR FIRING RANGE       I/M       QUANTI3.       UNIT       COST         STE INFORMERTS       LS       I,0:       1,400       (1,435)         STRE INFORMENTS       LS       (322)         PAVEMENTS       LS       (322)         PATAL CONTRACT COST       FERVISION, INSPECTION AND OVERHEAD       (5.7 %)       2,080         TAL REQUEST       (000000000000000000000000000000000000	05796	171-475	TMK	H0230	04P3	2,	200
ITEM     I/M     UNIT     COST       IS - INDOOR FIRING RANGE     1,443       FIRING RANGE     1,00     1,400     1,443       FIRING RANGE     SM     1,00     1,400     (1,435)       FORCE PROTECTION     LS     (8)       FULITIES     LS     (85)       FILITIES     LS     (91)       STAL REQUEST     (5,0 %)     (34)       FORCE PROTECTION AND OVERHEAD     (5,7 %)     119       TAL CONTRACT COST     2,080     2,200       TAL REQUEST     1,00     1,981       TAL REQUEST (ROUNDED)      2,080        Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5,56 m and 7,62 m ammunition. Includes AT/FP physical security TAW DOD minimum matruction standards and fire supression/detection IAW Mil Handbook 1008C.        REQUIREMENT: 1,025     ADEQUATE: 0     SUBSTANDARD: 0       OUTECT: ccs - Indoor Firing Range (Current Mission)     OUTENDERT: Project requires an indoor firing range be constructed with 25 meter firing lanes. In addition, the facility is to be designed to house a weapons and mannition vault.       REEM SITUATION:     The facility will also be designed to house a meanon at another and and fire supress are not able to be efficiently used in either F Bragg nor Pope AFB have any indoor ranges available for use. In Iddition, the weapons training at	· · · · · · · · · · · · · · · · · · ·	9. COS	T EST11	ATES		, , , , , , , , , , , , , , , , , , , ,	
rs - INDOOR FIRING RANGE       1,443         FIRING RANGE       1,0:         FIRING RANGE       1,400         FIRING RANGE       1,400         FIRING RANGE       1,400         FURING FACILITIES       1,400         FURING FACILITIES       15         FURING TATA       1,981         DOMUNICATIONS       15         FURING CONTRACT COST       1,981         PREVISION, INSPECTION AND OVERHEAD (5.7 %)       119         TAL REQUEST (ROUNDED)       2,000         PREVISION, INSPECTION AND OVERHEAD (5.7 %)       119         AL REQUEST (ROUNDED)       1,025         ADEQUATE: 0       SUBSTANDARD: 0         OJECCT: cos - Indoor Firing Range (Current Mission)       OURTEMENT: 1,025         ADEQUATE: 0       SUBSTANDARD: 0         OJECCT: cos - Indoor Firing Range (Current Mission)       000000000000000000000000000000000000		ITEM		M/L	QUANTI1.	UNIT	COST
FIRING RANGE SM 1,0: 1,400 (1,435) FORCE PROTECTION IS FORCE PROTECTION IS FORCE PROTECTION IS FORCE PROTECTION IS FORCE PROTECTION IS FORCE PROTECTION IS FILLITIES IS FILLITIE	ccs - INDOOR FIRING R	ANGE					1,443
SORCE PROTECTION       LS       (8)         JPPORTING FACILITIES       IS       (228)         DAVEMENTS       IS       (34)         SITE IMPROVEMENTS       IS       (34)         DAVEMENTS       IS       (34)         SITE IMPROVEMENTS       IS       (34)         DAVEMENTS       IS       (34)         DAVEMENTS       IS       (34)         DATAL CONTRACT COST       JPERVISION, INSPECTION AND OVERHEAD (5.7 %)       IS         JTAL REQUEST       2,060       2,060         OTAL REQUEST       2,199       2,200         OTAL CONTRACT COST       JPERVISION, INSPECTION AND OVERHEAD (5.7 %)       IIII         JTAL REQUEST       . Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and .6.2 mm ammunition. Includes AT/FP physical security IAW DOD minimum instruction standards and fire supression/detection IAW Mil Handbook 1008C.         . REQUIREMENT:       .025       ADEQUATE: 0       SUBSTANDARD: 0         ODECT:       CCS = Indoor Firing Range (Current Mission)       QUIRPMENT:       Froject requires an indoor firing range be constructed with 25 meter         C2 mm ammunition.       The facility will also be designed to support 9mm, 5.56 sun and .6.2 mm ammunition, the facility will also be designed to sup	FIRING RANGE			SM	1,0:	1,400	(1,435)
PPORTING FACILITIES       538         TILITIES       158         FAUEMENTS       15         STE IMPROVEMENTS       15         STAL CONTRACT COST       1,981         DATAL CONTRACT COST       99         TAL REQUEST       1,981         DATAL REQUEST (ROUNDED)       99         TAL REQUEST (ROUNDED)       2,000         Description of Proposed Construction: Project constructs an indoor firing range th 25 metar firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP hysical security IAW DOD minimum instruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         QUIREMENT:       1,025       ADEQUATE: 0       SUBSTANDARD: 0         QUIREMENT:       Project requires an indoor firing range be constructed with 25 meter firing lanes, weapons and munition vault.       RERNT strutarions. The facility will also be designed to support 9mm, 5.56 sun and .62 mm ammunition. The facility will also be designed to house a weapons and munition vault.         RERNT strutarions.       The Combat Control School currently uses outdoor ranges on Ft Bragg.         During periods of inclement weather, these ranges are not able to be efficiently used and enues indecessary problems for the school. Additionally, significant time is lost during cansit to and from the ranges located on Fort Bragg.         MATO FROVIDED:	FORCE PROTECTION			LS		,	(8)
TTLITTES PAVEMENTS TS TTLITTES PAVEMENTS LS	UPPORTING FACILITIES						538
APACHEMENTS LS (1917) APACHEMENTS (5.0 %) DITINGENCY (5.0 %) DI	UTILITIES			T.S			( 328)
SITE IMPROVEMENTS       IS         COMMUNICATIONS       IS         DEFOTAL       1,981         DYTAL CONTRACT COST       99         DYTAL CONTRACT COST       2,080         UPERVISION, INSPECTION AND OVERHEAD (5.7 %)       119         DYTAL REQUEST       2,199         DYTAL REQUEST (ROUNDED)       2,200         0.       Description of Proposed Construction: Project constructs an indoor firing range th 25 met m and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum matruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         ODECT:       ccs - Indoor Firing Range (Current Mission)       QUIREMENT: Project requires an indoor firing range be constructed with 25 meter tring lanes. In addition, the facility will also be designed to house a weapons and munition vault.         RRENT SITUATION:       The Combat Control School currently uses outdoor ranges on Ft Bragg.         Advance. This does not allow any flexibility in the training schedule and causes uncessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg.         CPACT IF NOT FROVIDED:       The weapons training at the Combat Control School will continue to be serverly hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority.         DITIONAL	PAVEMENTS			LS			(85)
COMMUNICATIONS       LS       (34)         JETOTAL       (34)         DYTAL CONTRACT COST       99         DYTAL CONTRACT COST       99         DEVENUSION, INSPECTION AND OVERHEAD (5.7 %)       119         DTAL REQUEST       1.1981         DTAL REQUEST (ROUNDED)       2,200         0.       Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum metruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         OJECT: ccs - Indoor Firing Range (Current Mission)       QUIREMENT: Project requires an indoor firing range be constructed with 25 meter         G.2 mm ammunition. The facility will also be designed to house a weapons and munition vault.       RREWT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg.         Muring periods of inclement weather, these ranges are not able to be efficiently used in either Ft Bragg nor Pope AFB have any indoor ranges available for use. In         Idition, the weapons ranges on Ft Bragg are usually full and must be scheduled months a davance. This does not allow any flexibility in the training schedule and causes increasing yroblems for the school. Additionally, significant time is lost during cannit to and from the ranges located on For Bragg.         CPACT IF NOT PROVIDED:       The wea	SITE IMPROVEMENTS			LS			(91)
BETOTAL       1,981         DNTINGENCY ( 5.0 %)       99         DTAL CONTRACT COST       2,080         UPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       119         DTAL REQUEST       2,199         DTAL REQUEST (ROUNDED)       2,200         0. Description of Proposed Construction: Project constructs an indoor firing range.         th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum instruction standards and fire supression/detection IAW Mil Handbook 1008C.        REQUIREMENT:       1,025         ADEQUATE: 0       SUBSTANDARD: 0         OJIECT:       ccs - Indoor Firing Range (Current Mission)         QUIREMENT:       Project constructed with 25 meter         Iring lanes.       In addition, the facility is to be designed to support <b>9mm</b> , 5.56 sun and         Munition vault.       RERNT SITUATION;         RERNT SITUATION;       The Combat Control School currently uses outdoor ranges on Ft Bragg.         Varing periods of inclement weather, these ranges are not able to be efficiently used         in advance.       This does not allow any flexibility in the training schedule and causes         uring periods of inclement weather, these ranges.       Additionally, weapons raning at the Combat Control School will continue to advance.         in advance.       This	COMMUNICATIONS			LS			(34)
NTINGENCY ( 5.0 %)       99         DTAL CONTRACT COST       99         DTAL CONTRACT COST       2,080         DPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       119         DTAL REQUEST       2,199         DTAL REQUEST (ROUNDED)       2,200         0. Description of Proposed Construction: Project constructs an indoor firing range the 25 meter firing lanes, weapons and ammunition vault and will support the firing of mn, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum unstruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         COJECT:       ccs - Indoor Firing Range (Current Mission)       000000000000000000000000000000000000	UBTOTAL						1,981
DTAL CONTRACT COST       2,080         UPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       2,080         DTAL REQUEST       2,199         DTAL REQUEST (ROUNDED)       2,200         Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of mm, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DOD minimum instruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         OJECT: ccs - Indoor Firing Range (Current Mission)       QUIREMENT:       Project requires an indoor firing range be constructed with 25 meter         ring lanes. In addition, the facility is to be designed to house a weapons and munition vault.       RREENT SITUATION:       The Combat Control School currently uses outdoor ranges on Ft Bragg.         Nuring periods of inclement weather, these ranges are not able to be efficiently used in distion, the weapons ranges on Ft Bragg are usually full and must be scheduled months in advance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during range is not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during range is not a priority.         DITIONAL:       This project meets the criteria/scope specified in Air Force handbook 32-184, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394-161. (1025 M = 11,033 SF)	ONTINGENCY ( 5.0	€)					99
UPERVISION, INSPECTION AND OVERHEAD ( 5.7 %)       119         DTAL REQUEST       2,199         DTAL REQUEST (ROUNDED)       2,200         DTAL REQUEST (ROUNDED)       2,200         D. Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum onstruction standards and fire supression/detection IAW Mil Handbook 1008C.         REQUIREMENT:       1,025       ADEQUATE: 0       SUBSTANDARD: 0         ODECT:       ccs ~ Indoor Firing Range (Current Mission)       QUIREMENT:       Project requires an indoor firing range be constructed with 25 meter firing lanes. In addition, the facility is to be designed to support 9mm, 5.56 sun and 6.2 mm ammunition. The facility will also be designed to house a weapons and munition vault.         RRENT SITUATION:       The Combat Control School currently uses outdoor ranges on Ft Bragg. Juring periods of inclement weather, these ranges are not able to be efficiently used and neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In didition, the weapons ranges on Ft Bragg are usually full and must be scheduled months a advance. This does not allow any flexibility in the training schedule and causes unceessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg.         MPACT IF NOT PROVIDED:       The weapons training at the Combat Control School will continue to be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be su	OTAL CONTRACT COST						2,080
DTAL REQUEST       2,199         DTAL REQUEST (ROUNDED)       2,200         D. Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum onstruction standards and fire supression/detection IAW Mil Handbook 1008C.         A. REQUIREMENT:       1,025       ADEQUATE: 0       SUBSTANDARD: 0         SOJECT:       ccs - Indoor Firing Range (Current Mission)       QUIREMENT:       Project requires an indoor firing range be constructed with 25 meter         Firing lanes.       In addition, the facility is to be designed to support 9mm, 5.56 sun and       .62 mm ammunition.         .62 mm ammunition.       The facility will also be designed to house a weapons and mmunition vault.         RRENT SITUATION:       The Combat Control School currently uses outdoor ranges on Ft Bragg.         uuring periods of inclement weather, these ranges are not able to be efficiently used and neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In         Midition, the weapons ranges on Ft Bragg are usually full and must be scheduled months an advance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during raning will be subject to the busy range schedule at Fort Bragg where Air Force raining will be subject to the busy range schedule at Fort Bragg where Air Force raining will be subject meets the criteria/scope specified in Air Force handbook 32-184, "Facility Require	UPERVISION, INSPECTI	ON AND OVERHEAD (	5.7 %)				119
DTAL REQUEST (ROUNDED)       2,200         0. Description of Proposed Construction: Project constructs an indoor firing range th 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum instruction standards and fire supression/detection IAW Mil Handbook 1008C.         1. REQUIREMENT: 1,025       ADEQUATE: 0       SUBSTANDARD: 0         ODTECT: ccs - Indoor Firing Range (Current Mission)       QUIREMENT: Project requires an indoor firing range be constructed with 25 meter tring lanes. In addition, the facility is to be designed to support 9mm, 5.56 sun and .62 mm ammunition. The facility will also be designed to house a weapons and munition vault.         RERENT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg.         Uning periods of inclement weather, these ranges are not able to be efficiently used to advance. This does not allow any flexibility in the training schedule months advance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during cansit to and from the ranges located on Fort Bragg.         MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue to be severely hampered due to lack of available firing ranges. Additionally, weapons canining is not a priority.         UPITIONAL:       This project meets the criteria/scope specified in Air Force handbook 3284 (1205 SM = 11,033 SF)         DINT USE CERTIFICATION: This facility can be used by other componentson an "as         FORM 1391, DEC 99       Previous editions are obs	OTAL REQUEST						2,199
<ul> <li>Description of Proposed Construction: Project constructs an indoor firing range is the 25 meter firing lanes, weapons and ammunition vault and will support the firing of m, 5.56 mm and 7.62 mm ammunition. Includes AT/FP physical security IAW DoD minimum onstruction standards and fire supression/detection IAW Mil Handbook 1008C.</li> <li>REQUIREMENT: 1,025 ADEQUATE: 0 SUBSTANDARD: 0 (OJECT: ccs - Indoor Firing Range (Current Mission) (QUIREMENT: Project requires an indoor firing range be constructed with 25 meter iring lanes. In addition, the facility is to be designed to support 9mm, 5.56 sun and .62 mm ammunition vault.</li> <li>RERENT SITUATION: The facility will also be designed to house a weapons and munition vault.</li> <li>RERENT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg. ouring periods of inclement weather, these ranges are not able to be efficiently used in advance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during ransist to and from the ranges located on Fort Bragg.</li> <li>APACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue to be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority.</li> <li>IDITIONAL: This project meets the criteria/scope specified in Air Force handbook 32-184, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394-161. (1025 SM = 11,033 SF)</li> <li>INT USE CERTIFICATION: This facility can be used by other components on an "as</li> <li>FORM 1391, DEC 99 Previous editions are obsolete. Page No.</li> </ul>	OTAL REQUEST (ROUNDEI	))					2,200
A. REQUIREMENT: 1,025 ADEQUATE: 0 SUBSTANDARD: 0 ROJECT: ccs - Indoor Firing Range (Current Mission) COUREMENT: Project requires an indoor firing range be constructed with 25 meter iring lanes. In addition, the facility is to be designed to support 9mm, 5.56 sun and .62 mm ammunition. The facility will also be designed to house a weapons and mmunition vault. RRENT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg. During periods of inclement weather, these ranges are not able to be efficiently used ad neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In ddition, the weapons ranges on Ft Bragg are usually full and must be scheduled months a dvance. This does not allow any flexibility in the training schedule and causes inecessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg. MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority. MDITIONAL: This project meets the criteria/scope specified in Air Force handbook 32- 104. (1025 SM = 11,033 SF) DINT USE CERTIFICATION: This facility can be used by other components on a "as FORM 1391, DEC 99 Previous editions are obsolete. Page No.	mm, 5.56 mm and 7.62 construction standards	mm ammunition. Inc s and fire supression	cludes A on/detec	T/FP tion	physical IAW Mil	security IAW Handbook 10080	DoD minimum
NOJECT: ccs - Indoor Firing Range (Current Mission) CQUIREMENT: Project requires an indoor firing range be constructed with 25 meter iring lanes. In addition, the facility is to be designed to support 9mm, 5.56 sun and .62 mm ammunition. The facility will also be designed to house a weapons and munition vault. TRRENT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg. buring periods of inclement weather, these ranges are not able to be efficiently used and neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In iddition, the weapons ranges on Ft Bragg are usually full and must be scheduled months a dvance. This does not allow any flexibility in the training schedule and causes unceessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg. MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority. DITIONAL: This project meets the criteria/scope specified in Air Force handbook 32- 184, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394- 161. (1025 SM = 11,033 SF) DINT USE CERTIFICATION: This facility can be used by other components on an "as FORM 1391, DEC 99 Previous editions are obsolete. Page No.	1. REQUIREMENT: 1,02	25 ADEQUATE	5: 0	S	UBSTANDAF	RD: 0	
.62 mm ammunition. The facility will also be designed to house a weapons and munition vault. <u>TRRENT SITUATION:</u> The Combat Control School currently uses outdoor ranges on Ft Bragg. buring periods of inclement weather, these ranges are not able to be efficiently used and neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In ddition, the weapons ranges on Ft Bragg are usually full and must be scheduled months advance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg. MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority. <u>DITIONAL:</u> This project meets the criteria/scope specified in Air Force handbook 32- 184, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394- 161. (1025 SM = 11,033 SF) <u>DINT USE CERTIFICATION:</u> This facility can be used by other components an "as FORM 1391, DEC 99 Previous editions are obsolete. Page No.	<u>ROJECT:</u> ccs - Indoor <u>EQUIREMENT:</u> Project Siring lanes. In add	r Firing Range (Curr requires an indoor ition, the facility	firing : is to be	sion) range e des	be consigned to	tructed with 2 support <b>9mm</b> , 5	5 meter 5.56 sun and
TRENT SITUATION: The Combat Control School currently uses outdoor ranges on Ft Bragg. buring periods of inclement weather, these ranges are not able to be efficiently used and neither Ft Bragg nor Pope AFB have any indoor ranges available for use. In ddition, the weapons ranges on Ft Bragg are usually full and must be scheduled months a dvance. This does not allow any flexibility in the training schedule and causes unecessary problems for the school. Additionally, significant time is lost during ransit to and from the ranges located on Fort Bragg. MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue to be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority. <u>BDITIONAL:</u> This project meets the criteria/scope specified in Air Force handbook 32- 164, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394- 161. (1025 SM = 11,033 SF) <u>DINT USE CERTIFICATION:</u> This facility can be used by other componentson an "as FORM 1391, DEC 99 Previous editions are obsolete. Page No.	.62 mm ammunition.	The facility will a	lso de a	esign	led to no	use a weapons	and
MPACT IF NOT PROVIDED: The weapons training at the Combat Control School will continue to be severely hampered due to lack of available firing ranges. Additionally, weapons raining will be subject to the busy range schedule at Fort Bragg where Air Force raining is not a priority.         MDITIONAL: This project meets the criteria/scope specified in Air Force handbook 32- 084, "Facility Requirements." BASE CIVIL ENGINEER: Lt Col Michael R. Hass, (910) 394- 361. (1025 SM = 11,033 SF)         DINT USE CERTIFICATION: This facility can be used by other components on an "as         FORM 1391, DEC 99       Previous editions are obsolete.       Page No.	URRENT SITUATION: T During periods of inuind neither Ft Bragg a addition, the weapons in advance. This does innecessary problems f	he Combat Control So clement weather, the nor Pope AFB have an ranges on Ft Bragg s not allow any flex for the school. Ac	chool cu ese rang ny indoo are usu xibility dditional	rrent es ar r ran ally in t lly,	ly uses of the not ab ges avail full and the train significa	outdoor ranges le to be effic lable for use. must be sched ing schedule a ant time is lo	on Ft Bragg. ciently used In uled months und causes ost during
DDITIONAL:       This project meets the criteria/scope specified in Air Force handbook 32-         084, "Facility Requirements."       BASE CIVIL ENGINEER:       Lt Col Michael R. Hass, (910) 394-         561.       (1025 SM = 11,033 SF)         DINT USE CERTIFICATION:       This facility can be used by other components on an "as         FORM 1391, DEC 99       Previous editions are obsolete.       Page No.	MPACT IF NOT PROVIDED to be severely hampered training will be subj training is not a prior	The weapons traised due to lack of a act to the busy rangerity.	ining at vailable ge sched	the firi ule a	Combat C .ng range: at Fort B	Control School s. Additional bragg where Air	will continue ly, weapons Force
DINT USE CERTIFICATION:       This facility can be used by other components on an "as         FORM 1391, DEC 99       Previous editions are obsolete.       Page No.         Image: Page No.       Image No.       Image No.	<u>DDITIONAL:</u> This pro .084, "Facility Requi .561. (1025 SM = 11,6	ject meets the crite rements." BASE CIV 033 SF)	eria/scoj IL ENGIN	pe sp EER:	Lt Col	in Air Force h Michael R. Has	andbook 32- s, (910) 394-
FORM 1391, DEC 99 Previous editions are obsolete. Page No.	JOINT USE CERTIFICATI	<u>ON:</u> This facility c	an be u	sed b	y other (	componentson a	an "as
· / ¬	D FORM 1391, DEC 99	Previous ed	litions a	are o	bsolete.		Page No.

1. COMPONENT		FY 20	05 MILITAR	Y CON	STRUCTI	ION PROJECT	data	2. DATE
AIR FORCE			(COI	puter	genera	ited)		
3. INSTALLATIC	ON AND I	LOCATION			4.	PROJECT T	ITLE	
POPE AIR FORCE	E BASE,	NORTH CA	AROLINA		CCS	s - INDOOR	FIRING RANGE	
5. PROGRAM ELE	EMENT	6. CAT	EGORY CODE	7.	PROJEC:	r NUMBER	8. PROJECT	COST (\$000)
85796		1	71-475		тмкн02	3004P3	2	200
				1				
available basi	s"; howe	ever, th	e scope of	the	project	: is based	on Air Force	Requirements.
			Previous	adi+i/	ons are	obsolete		Page No.
	77 73		TTCATORD	-41 611	120	SPROTECS.		
					TOU			

1. COMPONENT		FY 2005 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE
AIR FORCE		(compute	er gener	rated)		
3. INSTALLATIO	N AND LO	OCATION		4. PROJECT I	ITLE	
POPE AIR FORCE	BASE,	NORTH CAROLINA		ccs - INDOOF	R FIRING RANGE	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJECT CO	ST (\$000)
85796		171-475	TMKI	H023004P3	2,	200
12. SUPPLEMENT a. Estimated	AL DATA: l Design	Data:				
(1) Status	:					
(a) Da	te Desig	n Started			01	-APR-03
(b) Par	rametric	Cost Estimates used	to dev	elop costs		YES
* (c) Pe:	rcent Co	omplete as of 01 JAN	2004		16	15% - SED-03
^ (d) Da (e) Da	te 35% L te Desic	n Complete			15	-SEP-04
(f) En	ergy St	udy/Life-Cycle analys	sis was/	will be perf	ormed	YES
(2) Basis: (a) St (b) Wh	andard o ere Desi	or Definitive Design ign Was Most Recently	- Used -			NO
(2) Total	Coat (a	(a) = (a) + (b) or (d)	+ (0).			(\$000)
(3) 100a1 (a) Pr	oduction	of Plans and Speci:	fication	S		131
(b) <b>Al</b>	1 Other	Design Costs				67
(c) To	tal					198
(d) Co	ntract					165
(e) In	-nouse					33
(4) Const:	ruction	Contract Award				04 DEC
(5) Const	ruction	Start				05 JAW
(6) Const	ruction	Completion				06 FEB
* Indicate which is cost and	es compl s compar d execut	etion of Project Des able to traditional ability.	Einition 35% des	with Paramet ign to ensure	tric Cost Esti: • valid scope,	mate
b. Equipment N/A	associ	ated with this proje	et prov	ided from ot	her appropriat:	ions:
DD FORM 1391, D	EC 99	Previous edit	ions ar 13	e obsolete. 1	Ē	age No.

1. COMPONENT		FY 20	05 MILI	TARY C	ONSTR	RUCTIO	N PROG	RAM	2. DATE	
									CONST	
			ee.				1	D. AREA		
			55,				L		NUEA	
	DE		-			70	01	0.97	· ~ 1	
o. Personnel Strongth							50			
		EINL		UFF	ENL			EINL		
AS OF 30 SEP 03	3598	4539	13987				44	30	28	22,225
	3000	4523	12752				44		20	20,000
Total Acrosses	A (\$000)	0 000								
Total Acreage:	(00.0	8,220								4 005 000
Authorization Net Y	: (30 Set	5 03)								4,305,329
Authorization Not Ye	t in inven	tory:								72,529
Authorization Reque	sted in thi	is Program				201				28,090
Authorization Include	ed in the F	-ollowing P	rogram		(FY 200	J6)				0
Planned in Next Thre	ee Years I	Program:								122,225
Remaining Deficienc	sy:									190,374
Grand Lotal:										4,718,547
8. PROJECTS REQ	UESTED	IN THIS P	ROGRA	AM:			(FY 200	5)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>		<u>\$,000</u>	START	CMPL
141-454	(NASIC)	Add/Alter	ntellige	nce		9,539	SM	28,090	Design-B	bliu
	Production	on Comple	x			<b>-</b>		00.000		
			. <u>.</u>			Iotal	000	28,090		
9a. Future Projects:	Included	in the Foll	owing P	rogram		(FY2	006)			
	None									
95. Future Projects:	Typical F	Planned Ne	ext Thre	e Years	:	~~ ~~ 7	~~~			
113-321	Replace	West Ram	1p, Ph 2			98,667	SM	9,100		
310-933	Consolid	late Materia	als Com	putation	nal	6,000	SM	15,000		
	Researc	ch Facility		. –			~	40.000		
311-171	Add to a	nd Alter Ae	eronauti	calRese	earch	6,943	SM	19,000		
044 470	Lab					0 000	~~	04.000		
311-1/3	Informati			ompiex, i	Phi	9,832	SM	21,000		
610-112	Consolic	ate AFMC	Law Or	tices		7,150	SM	00,000		
010-243	Intormat	ion lecnno	logy Co	mplex, I	Ph 2	10,962	SM	22,025		
730-835	Security	Forces Ad	minrac			5,705	SIVI	12,800		
/36-//3	Add/Alte	er Chapel A	ctivities	Center		1,300	SM	3,300		
822-265	Rpl Stea	am Lines/ Li	unnels A	Area B, F	-n 1	1	LS	12,000		
	• .	<b>B</b> 11		4 - 11 - 4'	(****	lotal		122,225		40
9c. Real Propery Ma	aintenanco	e Backlog	I his ins	tallation	(\$M)					42
10. Mission or Major	Function	is: Air Forc	e Materi	iel Comr	mand he	eadquart	ers whic	h is respo	onsible ma	nagement
control, and direction	n of resea	rch, acquis	sition and	d logistic	s suppo	ort for all	r and spa	ace weap	on system	s and
related components	; Aeronau	itical Syste	ms Cen	ter; Air F	force Re	esearch l	aborato	ry includi	ng directo	ates for
Materials, Sensors,	Air Vehicl	les, Human	Effectiv	eness, a	and prop	oulsion; /	Air Force	Institute	of Techno	ology; Air
Force Museum; Air	Force Sec	curity Assis	stance C	enter; N	lational /	Aerospa	ce Intellig	gence Ce	nter; Natio	nal
Airborne Operations	Center; a	and air bas	e wing;	Air Forc	e Reser	ve Comr	nand air	lift wing w	ith two C-	141 airlift
squadrons; and an AMC airlift flight with C-21 aircraft.										
<ol><li>11. Outstanding poll</li></ol>	ution and	I Safety (O	SHA) D	eficienci	ies:			_		
a. Air pollution								0		
										J
<ul> <li>b. Water Polluti</li> </ul>	on							0		
								-		
c. Occupational	Safety ar	nd Health						0		
l										
d. Other Enviror	nmental							0		

DD Form 1390. 24 Jul 00

. COMPONENT AIR FORCE	FY 2005	MILITAR	Y CONST	RUCTIO	N PRO	GRAM	2. DATE	
		4 C	ΟΜΜΑΝΓ	).		5 AREA		
HAW AIR FORCE	BASE		COMBAT			COSTIN		
OUTH CAROLINA	,,		001112/11	001111		0.83		
Personnel	PERMANENT		STUDEN	rs	51		D I	
trength								
S OF 30 SEP 03		843					77	6.47
ND FY 2008	702 4745	762	0 14	0	4	0	77	6,30
. INVENTORY DAT	A (\$000)							Ĭ
. Total Acreage:	3,427							
. Inventory Total as	of : (30 Sep 03)							1,029,69
Authorization Not	Yet in Inventory:							21,035
. Authorization Reg	uested in this Program	1:						3.300
, Authorization Inclu	ided in the Following F	rogram:	(FY 200	06)				2,220
Planned in Next T	hree Years Program:		(0	,				20.50
Remaining Deficie	ency.							1360
Grand Total	Shoy.							1 088 12
								1,000,12
					(EV 200	5)		
ATECORY					(1 1 200	COST	DESIGN	STATU
NDE				SCOPE		\$ 000	START	CMPI
100E	PROJECT TITLE	Mataraal	Divor	0 220 L		2 200	Apr 02	Son (
131-105	Sewer Outian Line to	valereer	- NVEI	Total	VI	3,300	Apr-03	Sep-u
la. Future Projects:	Included in the Follow None	ing Progr	am:	(FY2	2006)	·		
b. Future Projects:	Typical Planned Next	Three Ye	ars:					
41-454	USCENTAF Comm S	quadron f	acility	4,640 S	M	9,700		
'40-674	ADAL Fitness Center	•	-	3,865 S	М	7,100		
'40-675	Base Library			1.700 S	М	3,700		
				Total		20,500		
Ic. Real Properv Ma	intenance Backlog Th	is Installa	tion (\$M):		97	_ ,		
10 Mission or Major	Eunctions: Headquart	ers 9th Δi	r Force: a	nd the 20	Oth Fight	er Wing	operating	F-16
aircraft	Functions, neadquart		110100,8		Jurigin		sperating	10
1 Outstanding Pol	ution and Safety (OSH	IA) Defici	encies:					
a Air pollution						0		
						Ū		
h Water Pollutio	on					0		
						Ŭ		
c. Occupational	Safety and Health					0		
d. Other Enviror	nmental					0		

)D Form 1390, 24 Jui 00

1. COMPONENT	1. COMPONENT FY 2005 MILITARY CONSTRUCTION PROJECT DATA 2. DATE										
AIR FORCE	(comp	uter gei	nerate	ed)							
3. INSTALLATION AND I	OCATION		4. P	ROJECT TI	TLE	•					
SHAW AIR FORCE BASE,	SOUTH CAROLINA		SEWE	R OUTFALL	LINE TO WATE	REE RIVER					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	COST (\$000)					
					01 1100201 0	(+++++)					
27456	831-165	VL	SB051	000	3,	300					
	9. COS	T ESTIN	ATES	-							
					UNIT	COST					
			UZM.	QUANTITY							
SEWER LINE TOWATEREE	RIVER					1,121					
SEWEROUTFALL LINE			LM	8,230	135	( 1,111 )					
ANTITERRORISM/FORCE	PROTECTION (FENCE)		LM	70	136	( 10 )					
UPPORTING FACILITIES						1,838					
UTILITIES			LS			( 983 )					
SITE IMPROVEMENTS			LS			( 376)					
COMMUNICATION CONTROL	L CABLE		LM	1,207	7	(8)					
EMERGENCY GENERATOR/	SWITCHGEAR		LS			( 150)					
REPAIR ROADWAY			LS			( 165)					
PERMANENT & CONSTRUC	TION EASEMENTS		HE	12	13,000	<b>(</b> 156)					
UBTOTAL						2,959					
ONTINGENCY ( 5.0	%)					148					
OTAL CONTRACT COST						3,107					
UPERVISION, INSPECTI	ON AND OVERHEAD (	6.0 %)				186					
OTAL REQUEST						3,293					
OTAL REQUEST (ROUNDED	))					3,300					
ewer effluent pipe; a station; acquire a per onstruction easement rossings, twelve air encing and electrica	a <b>6,813,740</b> liters p rmanent easement of of 15.2 meters ( <b>50</b> release valves; one al support.	per day 4.6 mete feet) by e outlet	(1.8 ers (2 7 8 k stru	million G 15 feet) 1 m. Inclu cture, cl	PD) clear wat by 8 km (5 mi des seven str earing and gr	er pump iles) and a ream rubbing,					
1. REQUIREMENT: 8,23	OLM ADEQUATE:	: 0 LM	នា	JBSTANDARI	: 6,450 LM						
ROJECT: Sewer outfal	ll line to Wateree F	River.									
EQUIREMENT: This is equired to achieve co copper discharge limit 004 to comply with th cermit.	a Level 1 Environm mpliance with efflu of 9.7 micrograms he new National Poll	ental Co lent disc per lit lution D	mplia charg er (u ischa	nce requi: e limits. g/l) must rge Elimi:	rement. This The monthly be met before nation System	project is average e December a (NPDES)					
URRENT SITUATION: T	ne discharge from tl	he waste	water	treatmen	t plant (WWT)	) has failed					
he copper and toxicit iolation (NOV). The 100% and proposed limi outh Carolina Departu he copper discharge 1 mall creek with littl larger body of water imit to 330 ug/l. Ma	y parameters severa discharge has exceed t by 500%. Shaw Al ment of Health and H imits. Presently, e flow which dictat , like the Wateree aking this change wi	l times eded the FB has e Environm the eff es very River, 11 allow	and i curr entere ental luent low o will w Shaw	has result ent allows d into a . Control from the effluent d increase w to meet	ted in Notice able limits f consent agree (SCDHEC) to co WWTP dischar imits. Disc the monthly a current limit	s of or copper by ment with the omply with ges into a harging into average copper ts. This					
roject is critical fo  D FORM 1391, DEC 99	or negotiations to e Previous ed	stablish	are ob	onsent ord	ler to extend	the <b>Dec</b> 2004 Page No.					

1. COMPONENT	FY 2005 MILITAR	CONSTRUCTION PROJECT	DATA 2. DATE							
AIR FORCE	(com	(computer generated)								
3. INSTALLATIO	ON AND LOCATION 4. PROJECT TITLE									
SHAW AIR FORCE	E BASE, SOUTH CAROLINA	SEWER OUTFALL	LINE TO WATEREE RIVER							
5. PROGRAM ELE	EMENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)							
27456	831-165	VLSB051000	3,300							

leadline and avoid further enforcement actions.

<u>MPACT IF NOT PROVIDED:</u> We will be in violation of NPDES Permit #SC0024970. We will we issued additional NOVs and an administrative order that will impose fines and impact wur mission.

LDDITIONAL: In April 2001, the base entered into a consent agreement with SCDHEC to >liminate copper discharge violations. Since that time, various studies have revealed that the only viable solution is to extend the outfall line to a larger body of water like the Wateree River. This action will not only eliminate current copper violations, rut will ensure compliance with probable limit revisions and increased mission requirements. This project meets the criteria/scope specified in Air Force Handbook 32 1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, repair, new construction) was done. It indicates there is only one option that will meet operational requirements. A :ertificate of exception has been prepared. Base Civil Engineer: LtCol Jeffrey Jackson (803) 895-9562; (Sewer Outfall Line: 8,230 LM = 26,994 LF)

JOINT USE CERTIFICATION: This is an installation infrastructure project, and does not **qualify** for joint use at this location. However, all tenants on this installation are **benefited** by this project.

1. COMPONENT		FY 2005 MILITARY C	ONSTRUCTION PROJECT	DATA	2. DATE							
					L							
S. INSIALLATI		CATION	4. PROJECT	TITLE								
SHAW AIR FORCE	E BASE,	SOUTH CAROLINA	SEWER OUTFAL	L LINE TO WAT	EREE RIVER							
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)							
27456		831-165	vLSB051000	3,	300							
12. SUPPLEMENT	TAL DATA	l:										
a. Estimated Design Data:												
(1) Status:												
( <b>a</b> ) Da	te Desig	n Started		15	-APR-03							
(b) Pa:	rametric	Cost Estimates used	l to develop costs		YES							
* (C) Per	cent Co	mplete as of Ul JAN	2004	15	15% - MIC-03							
• (u) Dat (e) Dat	te Desim	n Complete		01	-SEP-04							
( <b>f</b> ) En	ergy Stu	dy/Life-Cycle analys	is was/will be perfo	ormed	NO							
			-									
(2) Basis	: 	om Dofinitivo Dogign			NO							
(a) St (b) Wh	ere Desi	on Was Most Recently	- VUSed -		NO							
·												
(3) Total	Cost (C	(a) = (a) + (b)  or  (d)	) + (e): figstions		(\$000)							
(a) Pi (b) al	Oduction	Design Costs	fications		90 T98							
(c) To	tal	Design Costs			297							
( <b>d</b> ) Co	ntract				264							
(e) In	-house				33							
(4) Consti	ruction	Contract Award			05 JAN							
(5) Const	ruction	Start			05 FEE							
(6) Const	ruction	Completion			05 DEC							
• Indicate	es compl	etion of Project Def	inition with Paramet	ric Cost Estin	nate							
which i	s compar	able to traditional	35% design to ensure	valid scope,								
cost an	a execut	capility.										
b. Equipmen N/A	t associ	ated with this proje	ct provided from oth	er appropriati	ons:							

1. COMPONENT AIR FORCE		FY 20	05 MIL	ITARY.	CONST	RUCTIO	N PROG	RAM	2. DATE	
3 INSTALLATION /				4 00		<u></u>				
								D. ARE		
	CE DAS	E,							NDEX	
				TRAIN	NG CO	MMAND		0.82		
b. Personnel	PE	RMANEN		S	UDEN	15	SU	PPORTE	D	
Strength	OFF	ENL		OFF	ENL	CIV	OFF	ENL		TOTAL
AS OF 30 SEP 03	4192	11607	6913	640	7279	42	409	2879	261	34,222
END FY 2008	4155	11140	6341	640	7350	42	409	2879	261	33,217
<ol><li>INVENTORY DA</li></ol>	TA (\$000)									
a. Total Acreage:	2.753									
b Inventory Total as	s of (30	Sep ()2)								2 780 515
c Authorization Not	Yet in Inv	entory:								124 275
d Authorization Rec	upstad in	this Prog	ram.							2 600
a. Authorization hel	ucsicu in Idad in th	nulls Flog	an. a Drog							2,000
6. Authorization incit				jiani.	(FY 200	JO)				100 100
T. Planned in Next I	nree year	rs Program	1:							163,433
g. Remaining Deficie	ency:									24,000
h. Grand Total:										3,094,823
8. PROJECTS REQ	UESTED	IN THIS	PROGI	RAM:			(FY 200	5)		
CATEGORY							,	COST	DESIGN	STATUS
CODE	PROJEC					SCOPE		\$ 000 S	TART	CMPL
171-623	DART 1	<u>h nnee</u>				1 500	SM	<u>,000 0</u>	Design	<u> Build</u>
171-025		aD				Totol	SIVI	$\frac{2}{2},000$	Desigi	I - Dullu
						TOLAI		2,600		
		= .				(5)(6)	0000			
9a. Future Projects:	Included	in the Fol	lowing	Program	n:	(FY2	2006)			
	None									
9b. Future Projects:	Typical F	Planned Ne	ext Thr	ee Year	'S:					
131-111	Replace	Telecom S	Switch a	/ Admin		4,647	SM	14,175		
721-312	Student	Dormitory	(300 R	M)		300	RM	30,000		
721-312	Student	Dormitory	(300 R	M)		300	RM	30,600		
721-312	Student	Dormitory	(300 R	M)		300	RM	30,600		
721 211	Dooruit L	Joucing or	d Trai	ning Cm	nlv	10 517	SM	20 733		
721-311	Convitu			ated On	o <b>Foo</b>	2 067	CM	0 100		
730-835	Security	Forces Co	onsolia	ated Op	srac	3,067	SIVI	8,190		
740-884	Child De	evelopment	Cente	r at LIA	1	3,067	SM	9,135		
217-712	Cryptolo	gic Mainte	nance	Facility		1,000	SM	2,200		
141-456	Informati	on Operati	ions Co	enter (A	IA)	3,315	SM	8,800		
						Total		163.433		
9c. Real Property M	aintenand	ce Backloc	ı This I	nstallati	on (\$M)			131		
10 Mission or Maio	r Eunction	se A Train	ina win		include	e Basic N	/ilitary Tr	aining Sc	bool Air	Force
Socurity Forece Cor	tor and	15. A Halli	ing wii	iy which	nhia ma	intonono	ninary in	anning Sc	ir Earaa a	
Security Forces Cer	ner, and s			ypiogra	рпіста			iy, anu A		nu navy
food service courses	s; Detense	e Languag		ute Eng	lisn lang	juage Ce	nter; Dep	artment	of Detens	e Military
Dog Training Agency	y; Inter-Ar	merican Ai	r Force	Acader	ny; an l	Air Force	reserve	contingen	cy hospita	and
training squadron, ar	nd a majo	or Air Force	e medi	cal cente	er.					
II. Outstanding pollu	ution and	Safety (O	SHA)	Deficien	cies:					
a. Air pollution								0		
b. Water Polluti	on							0		
								-		
a Occupational	Cofoty or	ad Uaalth						0		
c. Occupational	Salety al	iu nealth						0		
d Other Franking								٥		
a. Other Enviro	nmental							0		
1										1
1										
1										

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 200	)5 MIL	ITARY (	CONST	RUCTIO	N PRO	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND		ION		COMM	AND:			5. ARE	A CONST	
ARNOLD AIR FORC	FBASE	••••		AIR FC		ATERIE	L	COST	NDEX	
TENNESSEF	2 0/ 102			Сомм	AND:		-	0.89		
6 Personnel	PF	RMANEN	г	S		TS 1	SI	IPPORT	FD	
Strength	OFF	FNI		OFE	FNI	CIV				ΤΟΤΑΙ
AS OF 30 SEP 03	53	45	2453			-014			21	2 573
END FY 2008	48	44	2455						21	2,569
			2400	L						2,000
Total Acreace:		30 081								
Inventory Total as of	F · (30 Sol	- 03)								4 589 946
Authorization Not Vo	t in Inven	ton:								24 125
Authorization Reque	stad in thi	ioly. ie Program	<b>.</b> .							27,123
Authorization Include	ad in the F	Following F	ı. Progran	m <sup>,</sup>	(EV 200	161				33 000
Planned in Next Thr		Drogram:	Tugrai	11.	(F1200	)0)				37 561
Remaining Deficience		r rogram.								319 900
Grand Total	<i>,</i> y.									5 026 532
							/EV 200	5)		
O. PRUJEUIS REU	UESIED		RUG	<b>NAIVI.</b>				,0) T200	DECION	CTATUS
CODE						SCORE		\$ 0001	CTADT	CMPI
218 612	PROJEC	<u>I IIILE</u> Jot Engin	o Airla	duction		SCOPE		$\frac{9,000}{2000}$		
310-012	Opgrade	Jet Engin Dhana M	e Air in	lauction		1	LS 2	22,000	Design B	
	System,	Phase v				Total		22.000	-	
00 Euturo Droinater	Included	in the Fol	lowing	Drogram	<b>.</b>	10(0)	2006)	22,000		
	Included	Drepulsion		Filogiai	11.	4 (F1	2000)	23.000		
310-012	Improve	Propulsion	Annu	le Capa	Dinty	Total	LO	33,000	-	
Oh. Euture Dusis day	Turnianal C	Nonnod Mi	aut The			Total		33,000		
and a see	Typical P				1 <b>5</b> .	6 500	CM	10 961		ł
218-808	Consolia	ated Labo	ratory		x	0,500		12,001		
318-014	Consolid	ate Rocke	Fiest.	Allitude		7 050		14,000		
704 447		ated Civil	Engine	enng Co	omplex	7,000		14,900		
124-411	Add/Alle	r wingo in	in			Total	5111	2,500	-	
	• • • • • • •		This Is	- 4 - 11 - 42 -	- (014)	Total		37,001		
9C. Real Propery Ma	aintenanc	e Backlog	I nis ir	Istallatic	n (\$M)			39		
10. The Arnold Engi	neering D	evelopmer	nt Cent	er a n	ational	test cent	er whici	h conduc	ts develop	ment,
certification, and sirr	nulated flig	ght testing	of U.S	. govern	iment, c	ommerci	al and i	nternatio	nal aircraft	, missile,
and space systems.	The Cent	er develop	os critic	al new	test cap	abilities,	facilitie	s, and tee	chnologies	for future
simulated flight-testi	ng.				-					
11. Outstanding poll	lution and	Safety (C	SHA)	Deficien	cies:					
a. Air pollution								U	)	
								0		
b. Water Polluti	on							0		
<b>_</b>	<b>.</b>							~		
c. Occupational	Satety ar	nd Health						0	1	
								^		
a. Other Enviror	nmental							0	1	

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2005 MILIT	ARY	CONSTRU	JCTION	N PROJECT	DATA	2. DATE	
			ompt	icer gei					
S. INSTALLATIO									
ARNOLD AIR FOR	RCE BASE	, TENNESSEE			UPGR PHASI	JET ENGIN E V	VE AIR INDUCTI	ON SYSTEM,	
5. <b>PROGRAM ELE</b>	MENT	6. CATEGORY CO	DDE	7. PRO	JECT 1	ST (\$000)			
72806		318-612		AN	ZY033	001	22,0	000	
		9.	COST	r estim	IATES	1	1 1		
				· · · · · ·	U/M_	OUANTITY	UNIT	COST	
UPG JET ENGINE	AIR IN	DUCTION SYS, PHA	SE 1	7				18,599	
PROCESS AIR V	ALVES				LS			(1.670)	
AMBIENT SUPPL	AMBIENT SUPPLY							(735)	
BYPASS AIR DU	CT				LS			(2,294)	
PROCESS AIR D	UCT				LS			(13,900)	
SUPPORTING FAC	ידד.דידו							1 170	
DEMOLITION	,1011160				7.0	]		1,170	
DEMOLITION								(365)	
STTE WORE	INT/ASBE	STOS ABATEKENT			Te I			(215)	
TESTING AND A	דידאמד דאמיד	ON						(225)	
TESTING AND	VADIDATI	ON			10			( 305 )	
SUBTOTAL								19,769	
CONTINGENCY	<b>(</b> 5.0	୫)						988	
TOTAL CONTRACT	COST							20,757	
SUPERVISION, I	NSPECTI	ON AND OVERHEAD	(	5.7 %)				1,183	
TOTAL REQUEST								21,941	
TOTAL REQUEST	(ROUNDE	))						22,000	
EQUIPMENT FROM	OTHER	APPROPRIATIONS (	NON-	ADD)				(200)	
10. Description for AEDC Engine	on of P e Test 1	roposed Construct Facility (ETF) SI	ion , J	: Upgr and T-	ade t Cells	he jet en . Install	gine air indu atmospheric	ction system air inlet	
capabilities to	or C-cel	ls, upgrade isol	ational and a single second se	on valv	es to: duat	r J-Cells with as	, add a J/T-C	ell air Ports, from	
the Aeropropuls	sion Sva	stems Test Facili	ltv	(ASTF)	Plant	, .	bobczacca bap	poreby rrom	
11. REQUIREMENT	T: LS	ADEQUATE: LS	1	SUBSTAN	IDARD :	LS			
PROJECT: Upgra	ade a i	et engine air ind	duct	ion sys	tem,	phase V.	(Current Mi	ssion).	
REQUIREKENT:	This up	grade to the jet	enc	gine aim	: indu	iction sys	tem is require	ed to enable	
infrastructure	reducti	ons and increase	e fa	cility	test	capabilit	ies. These f	acilities are	
used to simula	te hi-a	ltitude flight c	ondi	tions f	for te	esting, ev	valuation, and	development	
of advanced tur	bine er	gines for JSF,	F-22,	F-16,	F-15,	<b>and</b> F-18	fighter airc	raft. This	
phase will pro	vide an plant t	additional clear	n ai	r suppl	y duc	t elimina	ting AEDC dep	endence on	
projected work	load and	l test customer	reau	irement	s. 1	install at	mospheric air	inlet	
capabilities fo	or C-ce	lls reducing eng:	ine	install	ation	checkout	costs, upgrad	le J-Cells	
isolation valve	es to r	educe atmospheric	: ai	r in-le	akage	, and rep	lace the heav	ily corroded	
mild carbon st	eel J/T	-Cell air supply	byp	ass duc	t wit	h stainle	ss steel to in	ncrease the	
temperature rat	ing of	duct and reduce	rus	t conta	minat	ion within	n the ducting	system.	
CURRENT SITUAT	ION: T	he Engine Test F	acil	lity (E	IF) at	t Arnold	Engineering De	velopment	
Center (AEDC)	enter (AEDC) utilized three major industrial plants (Basic, Addition, and the								
	Syscems	- ·			auva		carbine englin		
DD FORM 1391.	DEC 99	Previous	s ed	litions	are c	obsolete.	]	age No.	

1. COMPONENT		FY 2005 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
ARNOLD AIR FORCE BASE, TENNESSEE UPGR JET ENGINE AIR INDUCTION SYSTEM, PHASE V								
5. PROGRAM ELE	RAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)							
72806			318-612		A	ZY033001	22,0	00
onditions throughout their flight envelope. Numerous systems installed in the Basic <b>lant</b> (B-Plant) were brought to the United States at the conclusion of WWII and those <b>nstalled</b> in the Auxiliary Plant (A-Plant) were installed in the <b>1950s</b> . The eropropulsion Systems Test Facility (ASTE) was built in the <b>1980s</b> The AtB Plant								

opulsion Systems Test Facility (ASTF) was built in the 1980s.The A&B Plant acilities were constructed in the late 40s and early 50s with air supply ducting made of mild carbon steel. The ducts are heavily corroded and produce large amounts of iron xide (rust) that when ingested into the engines; melt and plate the combustor and urbine surfaces, clogging cooling passages and changing flow characteristics. This auses engine performance degradation and damage to hardware and in some cases required complete engine rebuild. Current and future advanced high-temperature gas turbine ngines require extremely clean airflow during testing. To meet this need, previous ILCON construction efforts connected to the clean, rust free airflow available within he ASTF and bypassed the existing corroded ducting and process air equipment. While ILCON Phase IV enabled shutdown of the A-Airside Plant, the B-Plant Airside was left perational to meet test capacity requirements. This project is required to provide the est capacity needed to meet throughput requirements and allow shutdown of the B-Airside 'lant. Future phases combined with improvement investment funding will eliminate the 0-50 year old airside and exhaust plant infrastructure and the high maintenance costs ssociated with the aged equipment.

<u>MPACT IF NOT PROVIDED</u>: Turbine engine damage resulting *from* contaminated air supply lucting will continue to escalate. Jet engine turbine testing will be adversely iffected and accurate test data will be unattainable, adversely impacting the **:eliability** of aircraft engines. There is no other military or commercial business, *thich* can assume this workload.

<u>UDDITIONAL:</u> There is no criteria/scope for this project in *Air* Force Handbook 32-1084, 'Facility Requirements". All known alternative options were considered during the **levelopment** of this project. No other option could meet the mission requirements; :herefore, no economic analysis was needed or performed. A certificate of exception has >een prepared. Base Civil Engineer: LtCol Michael Blaylock, (931) 454-4320. Design Build - Design Costs (4% of Subtotal Cost): \$790,000.

**JOINT USE CERTIFICATION:** This facility can be used by other components on an "as **wailable**" basis; however, the scope of the project is based on Air Force requirements.

Page No.

1. COMPONENT		FY 2005 MILITARY (	ONSTR	UCTION PROJECT	DATA	2. DATE			
AIR FORCE		(comput	er ger	nerated)					
3. INSTALLATIO	ON AND I	OCATION		4. PROJECT TI	<b>FLE</b>				
ARNOLD AIR FO	RCE BASE	, TENNESSEE		UPGR JET ENGIN PHASE V	NE AIR IWDUCTIO	N SYSTEM,			
5. PROGRAM EL	ement	6. CATEGORY CODE	7. PF	ROJECT NUMBER	8. PROJECT CO	ST (\$000)			
72806		318-612	1	ANZY033001	22,	000			
12. SUPPLEMEN a. Estimate (1) Proje	<ul> <li>12. SUPPLEMENTAL DATA:</li> <li>a. Estimated Design Data: <ul> <li>(1) Project to be accomplished by design-build procedures</li> </ul> </li> </ul>								
(2) Basis: (a) S (b) W	: tandard /here <b>Desi</b>	or Definitive Design gn Was Most Recentl	_ y Useć	1 -		NO			
(3) All ot	her Des:	ign Costs				593			
(4) Const	ruction	Contract Award				04 DEC			
(5) Const	ruction	Start				05 FEB			
(6) Const	ruction	Completion				07 FEB			
(7) Energ	y Study	/Life-Cycle analysis	was/w	ill be performe	ed	NO			
h Rendemen									
b. Equipmen	b. Equipment associated with this project provided from other appropriations:								
	NOVENO	PRO	CURING	FISCA APPRO APPRO	L YEAR PRIATED	COST			
EQUIPMENT	NOMENC	LATURE	200	0 2		200			
FAC VALVI	S CNIL I.	NIERFACE (MOD)	308	0 2		200			

1 COMPONENT		EV 20	105 M		CONS					
AIR FORCE		FT Z	JUJ IVI		CONS	TRUCIE		GRAM	IZ. DATE	
3. INSTALLATION A	ND LOCA	ATION		4. COM		•		5 ARE		
LACKLAND AIR FOI	RCF BASE	=		AIR ED	UCATIO	ON AND		ICOST II	NDEX	
TEXAS		-,		TRAINI	NG CO	MMAND		0.82		
6. Personnel	PEF	RMANENT		ST	UDEN	rs	S	JPPORT	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL		TOTAL
AS OF 30 SEP 03	4192	11607	6913	640	7279	42	40	2879	261	34,222
END FY 2008	4155	11140	6341	640	7350	42	409	2879	261	33,217
7. INVENTORY DAT	A (\$000)						<u>.</u>		<u> </u>	
a. Total Acreage:	2,753									1
b. Inventory Total as	s of : (30 S	Sep 02)								2,780,515
c. Authorization Not	Yet in Inve	entory:								124,275
d. Authorization Req	uested in	this Progra	am:							2,596
e. Authorization Inclu	ided in the	e Following	g Progi	am:	(FY 200	06)				0
f. Planned in Next Th	nree Years	Program:				,				163,433
g. Remaining Deficie	ency:									24,000
h. Grand Total:									-	3,094,819
8. PROJECTS REQU	UESTED I	N THIS P	ROGR	AM:			(FY 20	05)		]
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u> </u>				<u>SCOPE</u>		<u>\$,000 S</u>	TART	CMPL
171-623	Security I	Force Train	ning Ex	pansion		1,500	SM	2,596	Design	- Build
						Total		2,596		
			_	-						
9a. Future Projects:	Included in	n the Follo	wing F	Program	:	(FY2	006)			
	None									
9b. Future Projects:	Typical Pl	anned Nex	kt Thre	e Years	:					
131-111	Replace	Telecom S	witch /	Admin		4,647	SM	14,175		
721-312	Student L	Dormitory (	300 RN	Л)		300	RM	30,000		
721-312	Student L	Dormitory (	300 RN	/)		300	RM	30,600		
721-312	Student L	Dormitory (	300 RN	/)		300	RM	30,600		
721-311	Recruit H	ousing and	d Irain	ing Cmp		19,517	SM	29,733		
730-835	Security I	-orces Cor	nsolidat	ed Ops	⊦ac	3,067	SM	8,190		
740-884	Child Dev	elopment	Center_	at LIA		3,067	SM	9,135		
217-712	Cryptolog	ic Mainten	ance F	acility		1,000	SM	2,200		
141-456	Informatio	on Operatio	ons Ce	nter (AIA	۹)	3,315	SM	8,800		
						lotal		163,433		
9c. Real Property M	aintenanc	e Backlog	<u>This In</u>	stallation	<u>1 (\$M)</u>			131		
10. Mission or Major	Functions	: A Trainir	ng wing	which i	ncludes	Basic M	ilitary Tra	aining Sch	ool, Air Fo	orce
Security Forces Cent	er, and se	curity force	es, cry	otograph	ic maint	tenance, r	recruting	, and Air	Force and	Navy
food service courses	; Defense	Language	Institu	te Englis	sh langu	lage Cen	ter; Depa	artment of	Defense	Military
Dog Training Agency	; Inter-Am	erican Air	Force	Academy	/; an Ai	r Force r	eserve c	ontingency	hospital a	and
training squadron, an	d a major	Air Force	medica	I center.						
11. Outstanding pollu	ution and	Safety (OS	SHA) D	Deficienci	ies:					
a. Air pollution								0		
										1
b. Water Pollutic	n							0		
c. Occupational	Safety and	d Health						0		
										J
d. Other Enviror	nmental							0		
1										
										1

DD Form 1390, 24 Jul 00

3: INSTALATION AND LOCATION         4. COMMAND:         5. AREA CONST           SHEPPARD AIR FORCE BASE         AIR EDUCATION AND         0.93           6. Personnel         PERMANENT         SUPPORTED         COST INDEX           Strength         OFF         ENL         CIV         TOTAL           AS OF 30 SEP 03         1045         3171         2751         323         6026         101         11         146         15         13.569           REND FY 2005         1011         2865         2691         323         6026         101         11         146         15         13.569           As toral Acreage:         5.719         5.719         1.919.763         50.264           a. Autorization Requested in this Program:         6.72.328         60.261         101         11         146         15         17.589           J. Planed in Net Three Years Program:         .50.264         .50.00         34.813         175.680         3.68.00           G. Renaining Deficiency:         .4.38.00         .4.33.000         .2.328.140         115.68         S.000         S.000         S.000         S.000         S.000         21.284 May 03         Sep 04         21.284 May 03         Sep 04         21.284 May 03         Sep	1. COMPONENT AIR FORCE		FY 20	05 MII	LITARY	CONST	RUCTIC	ON PRC	GRAM	2. DATE	
SHEPPARD AIR FORCE BASE         AIR EDUCATION AND TRAINING COMMAND         0.93           1EXAS         OFF         ENL         CIV         CIV         CIV         <	3 INSTALLATION A	ND LOC			4 COM	IMAND			5 AREA	CONS	
TEAS         TRAINING COMMAND         0.93           6. Personnel         PERMANENT         STUDENTS         SUPPORTED           6. Personnel         OFF         ENL         CIV         OFF           6. Strength         OFF         ENL         CIV         OFF         ENL         CIV         TOTAL           AS OF 30 SEP 03         1045         3171         2751         323         6026         101         11         146         15         13.89           7. INVENTORY DATA (\$000)         a         Total Acreage:         5,719         5.         1.919,753         50,284           6. Authorization Net Yet in Inventory:	SHEPPARD AIR FO	RCE BAS	F		AIR FD		)Ν ΑΝΓ	)	ICOST I		
6. Personnel         PERMANENT         STUDENTS         SUPPORTED           Strength         OFF         ENL         CIV         OF         ENL         CIV         OF         ENL         CIV         OID         Intata         Stata	TEXAS		· <b>L</b>		TRAINI	NG CO	MMANE	Ś	0.93		
Strength         OFF         ENL         CIV         OFF         ENL         CIV         TOTAL           AS OF 30 SEP 03         1045         3171         2751         323         6026         101         11         146         15         13,189           7. INVENTORY DATA (\$000)         a.         Total Acreage:         5,719	6 Personnel	PF	RMANENT	-	ST	UDEN	TS .	I SI	JPPORTE	D	T
Score         Ord         Stril         275         323         6026         01         011         116         116         13,569           END FY 2008         1011         2865         2631         323         6026         101         11         146         15         13,569           END FY 2008         1011         2865         2631         323         6026         101         11         146         15         13,569           END FY 2008         5,719         5.719         5.719         5.719         5.719         5.749         5.749           Inventory Totals as 61 (30 Sep 02)         .         .         98,790         5.748         5.728         5.728         5.728         5.728	Strength		FNI	CIV	OFF	FNI	CIV	OFF	FNI		TOTAL
END FY 2008         1011         2865         2691         323         6026         101         11         146         15         13.189           7. INVENTORY DATA (\$000)         a. Total Acreage:         5.719	AS OF 30 SEP 03	1045	3171	2751	323	6026	101	1.	1 146	15	13.589
7. INVENTORY DATA (3000)       a. Total Acreage:       5,719         b. Inventory Total as of: (30 Sep 02)       1,919,763         c. Authorization Requested in this Program:       50,284         e. Authorization Requested in this Program:       50,284         e. Authorization Encluded in the Following Program:       (FY 2006)         g. Remaining Deficiency:       48,800         g. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CODE       PROJECT TITLE       SCOPE       5,000       START         g. Future Projects: Included in the Following Program:       (FY 2006)       442-758       7-52         g. Future Projects: Typical Planned Next Three Years:       113-321       300 RM       300 RM       33,000         T21-312       Student Dormitory (300 RM)       300 RM       30,000       721-312       314,813         9b. Future Projects: Typical Planned Next Three Years:       113-321       324       34,813         71-627       Repl Trainer Ma	END FY 2008	1010	2865	2691	323	6026	101	1	1 146	15	13,189
Total Acreage: 5,719     Total Acreage: 5,719     Total Acreage: 5,719     Total Acreage: 5,719     Total Inventory Total as of: (30 Sep 02)     Authorization Net Yet in Inventory: 98,790     Authorization Net Yet in Inventory: 98,790     Authorization Net Yet in Inventory: 98,790     Authorization Included in the Following Program: (FY 2006)     Aread Total: 75,690     PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)     COST DESIGN STATUS     COST DESIGN     COST DESIGN     COST DESIGN     COST D			2000	2001	020	0020					1
a. Inventory Total as of: (30 Sep 02)       1,919,763         b. Inventory Total as of: (30 Sep 02)       1,919,763         c. Authorization Requested in this Program:       50,284         e. Authorization Requested in this Program:       50,284         e. Authorization Requested in this Program:       75,690         g. Remaining Deficiency:       48,800         g. Remaining Deficiency:       48,800         g. Remaining Deficiency:       48,800         g. Remaining Deficiency:       2,328,140         S. ODE       PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE         S. ODI START       CMM         71-625       F-22 Technical Training Facility       11,368 SM         721-312       Student Dormitory (300 RM)       300 RM         30.000       RM       29,000 Mar 03 Sep 04         701al       Total       33,000         721-312       Student Dormitory (300 RM)       300 RM         313,201       Base Operations Ramp       40,062 SM       8,295         717-627       Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM	a Total Acreage:	E 710									
b. Internoty rotal as 01: (b) 50: (b) 20: (c) 11: (c)	a. Total Acreage.	5,719	Sep (12)								1 010 763
C. Authorization Requested in this Program:       50.284         e. Authorization Requested in this Program:       50.284         e. Authorization Requested in this Program:       175.690         g. Remaining Deficiency:       48.800         g. Remaining Deficiency:       48.800         g. Remaining Deficiency:       48.800         ATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE         S. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE         Sudent Dormitory (300 RM)       300 RM       29.000 Mar 03 Sep 04         721-312       Student Dormitory (300 RM)       300 RM         300 RM       29.000 Mar 03 Sep 04       701al         422-758       T-6 COMBS Warehouse       1,115 SM         9a. Future Projects: Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM         9a. Future Projects: Typical Planned Next Three Years:       13.3000         171-627       Train Markin/Development Facility       5.621 SM         171-627       Traing Support Facility       5.621 SM         721-312       Student Dormitory (300 RM)       300 RM<	<ul> <li>D. Inventory Fold as</li> <li>Authorization Not</li> </ul>	Votin Inv	opton"								98 790
a. Authorization Included in the Following Program:       (FY 2006)       34,813         f. Planned in Next Three Years Program:       175,690         g. Remaining Deficiency:       48,800         h. Grand Total:       COST         8. PROJECT'S REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST         CODE       PROJECT TITLE         Student Dormitory (300 RM)       300 RM         29.000       START         CODE       PROJECT Structure         CODE       PROJECT TITLE         Student Dormitory (300 RM)       300 RM         29.000       Mar 03 Sep 04         71-312       Student Dormitory (300 RM)         300 RM       29,000 Mar 03 Sep 04         721-312       Student Dormitory (300 RM)         300 RM       33,000         Total       34,813         9b. Future Projects: Typical Planned Next Three Years:         113-321       Base Operations Ramp         40,082 SM       8,295         171-627       Repl Trainer Main/Development Facility       5,621 SM         171-627       Training wing with 5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312 <td>d Authorization Poo</td> <td>upotod in</td> <td>this Progr</td> <td>a m.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>50 284</td>	d Authorization Poo	upotod in	this Progr	a m.							50 284
e. Autonization included in the Following Program:       171,590         f. Planned in Next Three Years Program:       48,800         g. Remaining Deficiency:       48,800         h. Grand Total:       COST DESIGN STATUS         CODE       PROJECT'S REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE         Sudent Dormitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         721-312       Student Dormitory (300 RM)       300 RM       330,000         ga. Future Projects: Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM       1,813         721-312       Student Dormitory (300 RM)       300 RM       33,000         Total       34,813       9       5         9b. Future Projects: Typical Planned Next Three Years:       11,330       71-627         171-627       Repl Trainer Maint/Development Facility       5,621 SM       1,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000 <t< td=""><td>a. Authorization Inclu</td><td>dod in th</td><td>n Enllowin</td><td>ann. a Droa</td><td>rom:</td><td>(EV 200</td><td>16)</td><td></td><td></td><td></td><td>34 813</td></t<>	a. Authorization Inclu	dod in th	n Enllowin	ann. a Droa	rom:	(EV 200	16)				34 813
I. Planthed In Neur Peaks Program.       48,800         g. Remaining Deficiency:       48,800         A. Grand Total:       COST DESIGN STATUS         CODE       PROJECT ITILE       SCOPE         S.OOD_START       CMP         171-625       F-22 Technical Training Facility       11,368 SM         21,284 May 03       Sep 04         721-312       Student Dormitory (300 RM)       300 RM         29.000       Mar 03       Sep 04         721-312       Student Dormitory (300 RM)       300 RM         29.000       Mar 03       Sep 04         721-312       Student Dormitory (300 RM)       300 RM         29.000       Mar 03       Sep 04         721-312       Student Dormitory (300 RM)       300 RM         32.001       Total       34,813         9b. Future Projects: Typical Planned Next Three Years:       113-321         113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repi Trainer Main/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312	e. Authorization Inclu			g Plog	ram.	(FT 200	)				175 690
g. Remaining Denotency.       A. Grand Total:       Z.328,140         8. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         20000       START CMP1         711-625       F-22 Technical Training Facility       11,368 SM         721-312       Student Dormitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       33,000         71-627       Repl Trainer Maint/Development Facility       8,333 M       20,665         711-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000	I. Planned in Next II	nee rear	s Program	•							48,800
n. Grand Total:       222.,140         8. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE         171-625       F-22 Technical Training Facility       11,368 SM       21,284 May 03 Sep 04         721-312       Student Dormitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       34,813         9b. Future Projects: Typical Planned Next Three Years:       11,135       1,1130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000 <td>g. Remaining Dencie</td> <td>ency:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2 228 140</td>	g. Remaining Dencie	ency:									2 228 140
8. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         CATEGORY       COST DESIGN STATUS         CODE       PROJECT TITLE       SCOPE       \$.000       START       CMPL         171-625       F-22 Technical Training Facility       11,368 SM       21,284 May 03 Sep 04       50,284         9a. Future Projects:       Included in the Following Program:       (FY2006)       1.813       50,284         9a. Future Projects:       Total       50,284       50,284       50,284         9b. Future Projects:       Typical Planned Next Three Years:       1.115 SM       1.813         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312	n. Grand Total:										2,320,140
a. Frodect is neglect by it in this Productive.       (if 1 2000)         CATEGORY       CODE       \$000 START       CMPL         171-625       F-22 Technical Training Facility       11,368 SM       21,284 May 03 Sep 04         721-312       Student Dornitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         721-312       Student Dornitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         721-312       Student Dornitory (300 RM)       300 RM       33,000         721-312       Student Dornitory (300 RM)       300 RM       33,000         721-312       Student Dornitory (300 RM)       300 RM       33,000         721-312       Student Dornitory (300 RM)       300 RM       8,295         717-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dornitory (100 RM)       100 RM       11,000         721-312       Student Dornitory (300 RM)       300 RM       30,000         721-312       Student Dornitory (300 RM)       300 RM       30,000         721-312       Student Dornitory (300 RM)       300 RM       30,000         721-312       Student Dornitory (300 RM)       300 RM       30,660         721-312       Student Dornitory (300 RM)       300 RM				POGP				(EX 20)	05)		
CODE       PROJECT TITLE       SCOPE       S.000       START       CMPL         171-625       F-22 Technical Training Facility       11,368 SM       21,284 May 03       Sep 04         721-312       Student Dormitory (300 RM)       300 RM       29,000 Mar 03 Sep 04         9a. Future Projects:       Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM       1,813         721-312       Student Dormitory (300 RM)       300 RM       33,000         9b. Future Projects:       Trycical Planned Next Three Years:       1,313       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130       721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000       721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000       721-312       5tudent Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000       721-312       5tudent Dormitory (300 RM)       300 RM       30,000       71         10. Mission or Major Fun	O. FRUJEUIS HEQ	UESIED	IN THIS P	nuuH				(120	000		STATUS
CODE         FRODECT TITLE         DOULT         DOULT         DOULT         Concernment         Concernment <td>CODE</td> <td></td> <td>ד דודו ר</td> <td></td> <td></td> <td></td> <td>SCOPE</td> <td>-</td> <td>\$ 000</td> <td>START</td> <td>CMPI</td>	CODE		ד דודו ר				SCOPE	-	\$ 000	START	CMPI
171-625       F-22 Technical Training Pacinity       11,300 SM       21,200 May 30 Sep 04         721-312       Student Dormitory (300 RM)       300 RM       29,000 May 03 Sep 04         9a. Future Projects:       Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM       1,813         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       33,000         721-312       Student Dormitory (300 RM)       300 RM       3,000         721-312       Student Dormitory (300 RM)       300 RM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)<		PROJEC	<u>I IIILE</u>		:!!!+ ·		11 269	- SM	21 224	May 03	Sep 04
721-312       Student Dormitory (300 RM)       Student Dormitory (300 RM)       Student Dormitory (200 RM)         9a. Future Projects:       Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM       1,813         721-312       Student Dormitory (300 RM)       300 RM       3300 RM       3300 RM         9b. Future Projects:       Typical Planned Next Three Years:       113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130       721-312         714-627       Training Support Facility       5,621 SM       11,130       721-312         721-312       Student Dormitory (300 RM)       300 RM       30,000       721-312         721-312       Student Dormitory (300 RM)       300 RM       30,000       721-312         721-312       Student Dormitory (300 RM)       300 RM       30,600       721-312         71-312       Student Dormitory (300 RM)       300 RM       30,600       721-312         90. Real Property Maintenance Backlog This Installation (SM)       61       10.       10.         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training	771-020	F-ZZ Tec	nnical Tra	Ining F			200	DM	21,204	Mar 02	Sep 04
9a. Future Projects: Included in the Following Program:       (FY2006)         442-758       T-6 COMBS Warehouse       1,115 SM       1,813         721-312       Student Dormitory (300 RM)       300 RM       33,000         9b. Future Projects: Typical Planned Next Three Years:       113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Main/Development Facility       8,633 SM       20,665       171-627         71-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,600         71-30       Total       175,690       61         10. Mission or Major Functions: A Trai	/21-312	Student	Dormitory (	300 RI	VI)		Total	11141	50 284	IVIAI US	Sep 04
9a. Protice Projects: Include of in the Pollowing Program.       (112000)         9a. Future Projects: Typical Planned Next Three Years:       1,813         13-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       8,933 SM       20,665         171-627       Repl Trainer Maint/Development Facility       8,933 SM       20,665         171-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,400         71-36/RT-38 (Fing training wing responsible for aircraft maintenance, civil engineering, comptonel	On Eutore Disionte	la aluda a	Lin the Fell	owing	Drogram		/EV	2006)			
442-736       THO SUMES Waterhouse       1,110 Sum       1,010         721-312       Student Dormitory (300 RM)       300 RM       3,3000         Total       34,813         9b. Future Projects: Typical Planned Next Three Years:       113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         71-30       Gr. Real Property Maintenance Backlog This Installation (SM)       61         10. Mission or Major Functions: A Training wing responsible for aircraft maint	9a. Future Projects:			owing	Flogram		1 1 1 5	2000) SM	1 813		
721-312       Student Dormitory (300 RM)       Total       34,813         9b. Future Projects: Typical Planned Next Three Years:         113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,400         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and he	442-758	T-6 CON	IBS warer	IOUSE	N #\		1,115	RM	33 000		
9b. Future Projects: Typical Planned Next Three Years:       113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         70       Reserve       Comparison or Major Functions: A Training wing responsible for aircraft maintenance, civil engineerin	121-312	Student	Dormitory	300 RI	IVI)		Total	11141	2/ 012		
90. Future Projects. Typical Planned Wext Three Years.       40,082 SM       8,295         113-321       Base Operations Ramp       40,082 SM       8,295         171-627       Repl Trainer Maint/Development Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,000         70       Replinetitin retreture       Student Dormitory (30	Ob Euture Dreigeter	Turnianal D		vt Thre	o Vooro		TULAI		34,013		
171-627       Repi Trainer Maint/Development Facility       8,933 SM       20,665         171-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,777-38/AT-38 flying training squadrons that trai US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJ			anneu ne		e rears		10 082	SM	8 205		
171-627       Training Support Facility       5,621 SM       11,130         721-312       Student Dormitory (100 RM)       100 RM       11,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         90       Reserve Command Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air </td <td>171-627</td> <td></td> <td>inor Maint</td> <td>amp Dovolc</td> <td>nment E</td> <td></td> <td>8 033</td> <td>SM</td> <td>20,295</td> <td></td> <td></td>	171-627		inor Maint	amp Dovolc	nment E		8 033	SM	20,295		
111021       Training Support Facility       100 RM       11,100         721-312       Student Dormitory (300 RM)       300 RM       30,000         96. Real Property Maintenance Backlog This Installation (\$M)       Total       Total       Total         10. Mission or Major Functions: A Training squadron. <td< td=""><td>171-627</td><td>Training</td><td>Support E</td><td></td><td>pment r</td><td>aciiity</td><td>5 621</td><td>SM</td><td>11 130</td><td></td><td></td></td<>	171-627	Training	Support E		pment r	aciiity	5 621	SM	11 130		
721-312       Student Dormitory (100 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         9c. Real Property Maintenance Eacklog This Installation (\$M)       61       61         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training squadron.       0	721 212	Student	Dormitory		NA)		100	RM	11,100		
721-312       Student Domitory (300 RM)       300 RM       30,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         90       Matrix and Natro Pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air       Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:       0       0       0         b. Water Pollution       433       0       0       40	721-312	Student	Dormitory		IVI) NA)		300	RM	30,000		
721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       34,000         721-312       Student Dormitory (300 RM)       300 RM       30,600         Total       175,690       Total       175,690         9c. Real Property Maintenance Backlog This Installation (\$M)       61         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	721-312	Student	Domitory	300 KI	IVI) NA)		300	DM	30,000		
721-312       Student Domitory (300 RM)       300 RM       30,600         721-312       Student Dormitory (300 RM)       300 RM       30,600         Total       175,690       61         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies: <ul> <li>a. Air pollution</li> <li>b. Water Pollution</li> <li>c. Occupational Safety and Health</li> <li>d. Other Environmental</li> <li>40</li> </ul>	721-312	Student	Dormitory	(300 RI	IVI) NA)		300	RM	34 000		
721-512       Student Dominioity (300 RM)       500 rWit       30,000       175,690         Total       175,690         61         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies: <ul> <li>a. Air pollution</li> <li>b. Water Pollution</li> <li>c. Occupational Safety and Health</li> <li>d. Other Environmental</li> </ul> 0           40         40	721-312	Student	Dormitory	(300 R	IVI) NA)		300	RM	30 600		
9c. Real Property Maintenance Backlog This Installation (\$M)       61         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	121-312	Student	Domitory	(300 R	IVI)		Total		175 690		
9C. Real Property Maintenance Backtog Finis Installation (\$M)       01         10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	00 Dool Droporty M	intonono	o Dooldoo	This Ir	atallatia	~ (\$\ <b>A</b> )	TULAI		175,050		61
10. Mission or Major Functions: A Training wing responsible for aircraft maintenance, civil engineering, comptroller, and health science courses; a flying training wing with T-37/T-38/AT-38 flying training squadrons that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       0         b. Water Pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	9C. Real Property Ma			I NIS Ir	istallatio	n (əivi)					
that train US and NATO pilots under the Euro-NATO Joint Jet pilot Training (ENJJPT) Program; and an Air Force Reserve Command flying training squadron.          11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       0         b. Water Pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	10. Mission or Major comptroller, and heal	th science	s: A Traini e courses;	ng win a flying	g respor g training	nsible fo g wing v	r aircrai vith T-3	tt mainte 7/T-38/A	nance, civ <b>T-38</b> flying	ril engine g training	ering, squadrons
Force Reserve Command flying training squadron.         11. Outstanding pollution and Safety (OSHA) Deficiencies:         a. Air pollution       0         b. Water Pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40	that train US and NA	TO pilots	under the	Euro-N	NATO Jo	int Jet p	oilot Tra	ining (El	NJJPT) Pro	ogram; ar	nd an Air
11. Outstanding pollution and Safety (OSHA) Deficiencies: a. Air pollution0b. Water Pollution433c. Occupational Safety and Health0d. Other Environmental40	Force Reserve Com	mand flyir	ng training	squadi	ron.						
11. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       433         b. Water Pollution       433         c. Occupational Safety and Health       0         d. Other Environmental       40						_					
a. Air pollution 0 b. Water Pollution 433 c. Occupational Safety and Health 0 d. Other Environmental 40	<ol> <li>Outstanding pollu</li> </ol>	ution and	Safety (OS	SHA) C	Deficienc	ies:					0
b. Water Pollution433c. Occupational Safety and Health0d. Other Environmental40	a. Air pollution										0
<ul> <li>b. Water Pollution 433</li> <li>c. Occupational Safety and Health 0</li> <li>d. Other Environmental 40</li> </ul>											400
<ul> <li>c. Occupational Safety and Health</li> <li>d. Other Environmental</li> <li>40</li> </ul>	b. Water Pollutio	on									433
d. Other Environmental 40	c. Occupational	Safety an	d Health								0
	d. Other Enviro	nmental									40

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l							
1. COMPONENT	FY 2005 MILITARY CONSTR	UCTIO	N PROJECT	DATA	2. DATE		
AIR FORCE	(computer ge	nerate	ed )				
3. INSTALLATION AND 1	LOCATION	4. P	ROJECT TI	TLE			
SHEPPARD AIR FORCE BA	ASE, TEXAS	STUD	ENT DORMI	TORY (300 RM)	)		
5. PROGRAM ELEMENT	6. CATEGORY CODE 7. PRO	JECT	NUMBER	8. PROJECT (	COST (\$000)		
85796	721-313 V	WP053	3004	29,000			
	9. COST ESTI	MATES		T			
	T TF:M	<u>u/m</u>	QUANTITY	UNIT	COST		
STUDENT DORMITORY					22,280		
STUDENT DORMITORY (3	00 RM)	SM	14,625	1,500	( 21,938)		
ANTITERRORISM/FORCE	PROTECTION	LS			(342)		
SUPPORTING FACILITIES 4,166							
UTILITIES		LS			(1.240)		
PAVEMENTS		LS			( 743)		
SITE IMPROVEMENTS		LS			( 1,983)		
COMMUNICATIONS		LS			(200)		
SUBTOTAL					26,446		
CONTINGENCY ( 5.0	%)				1,322		
TOTAL CONTRACT COST					27,768		
SUPERVISION, INSPECTION	ON AND OVERHEAD ( 5.7 %)				1,583		
TOTAL REQUEST					29,351		
TOTAL REQUEST (ROUNDEI	)				29,000		
EQUIPMENT FROM OTHER	APPROPRIATIONS (NON-ADD)				(2,000.0)		
concrete foundation ar system. Includes room managers' area, storag DoD interim minimum f	n Floor slaps, structural n-bath-room modules (two s ge, dining space addition, orce protection construction	and a	s per roc all necess andard. G	om), laundrie ary support. Grade Mix: E	s, training Comply with 1-E3.		
All Condicioning: 6.	ISIONS Grade MIX: EI-E4	600					
11. REQUIREMENT: 4,20	<b>O9RM</b> ADEQUATE: 1,764	RM	SUBSTA	NDARD: 1,280	RM		
PROJECT: Construct Mission)	300-room, 600-person multi-	story	student	dormitory.	(Current		
<b>REQUIREMENT:</b> Properly sired and configured dormitories are required to support training of students. A major Air Force objective is to provide housing conducive to <b>their</b> proper rest, relaxation and personal well-being while providing a suitable study environment. Properly designed and furnished quarters, providing some degree of individual privacy, are essential to the successful accomplishment of vital training requirements. This project is in accordance with the Air Force Dormitory Master Plan. Antiterrorism force protection measures will comply with minimum <b>DoD</b> Force Protection Construction Standards. <u>CURRENT SITUATION:</u> Sheppard AFB currently has a room deficiency of 1,165 for non-prior students resulting in over crowding of existing facilities. The deficiency equates to approximately 2,330 students being triple bunked. 1,280 rooms are too small by current standards for two students. Four of the twelve student dormitories at Sheppard have central latrines and are in deteriorated condition. They are plagued by broken toilets, sinks, sewer, and water lines. Severe moisture and mildew problems are creating health							
DD FORM 1391, DEC 99	Previous editions	are o 14	bsolete.		Page No.		

1. COMPONENT		FY 2005 MILITARY CONSTRUCTION PROJECT DATA					
AIR FORCE		(computer generated)					
3. INSTALLATIO	ON AND I	AND LOCATION 4. PROJECT TITLE					
SHEPPARD AIR H	FORCE BASE, TEXAS STUDENT DORMITORY (300 RM)						
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COS	ST (\$000)	
85796		721-313 VNVP053004 29,000					

azards. Frequent electrical power outages cause damage to personal property such as elevisions and computers. Severe heat and cooling inconsistencies, exacerbated by the nability to open windows, contribute to stifling conditions for personal studies. riple bunking in these already substandard facilities make living conditions unbearable or students. The severe room deficiency must be corrected before the older facilities an be replaced. The overcrowding conditions create increased discipline problems, igher wash back rates of students, higher failure/discharge of students, increased aintenance and utility costs on existing facilities.

<u>MPACT IF NOT PROVIDED:</u> A properly sized and configured dormitory is necessary to begin conversion to the new dormitory standard for non-prior students to begin eliminating a ,165 room deficency. A major Air Force objective provides unaccompanied enlisted ersonnel with housing conducive to their proper rest, relaxation and personal welleing. Properly designed and furnished quarters providing some degree of individual rivacy are essential to the successful accomplishment of the increasingly complicated .nd important jobs these people must perform.

DDITIONAL: The new OSD dormitory standard does not apply to housing constructed for members receiving entry-level skill training. This project is being designed to the Air 'orce technical training "pipeline" construction standard. All known alternatives were considered during the development of this project. No other option could meet mission requirements; therefore, no economic analysis was needed or performed. Base Civil ingineer: Lt Col Gregory Emanuel, (940) 676-2158. Dormitory: 14,625 SM = 157,422 SF.

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1. COMPONENT		FY 2005	MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE
3. INSTALLATIO	ON AND L	CATION		5		דדיד.ש	
SHEPPARD ATR	FORCE BAS	SE. TEXAS			STUDENT DOR	MITORY (300 RM	۱
				_	<u> </u>		
5. PROGRAM EL	EMENT	6. CAT	EGORY CODE	7. PROC	JECT NUMBER	8. PROJECT CO	ST (Ş000)
85796		72	1-313	VN	72053004	29,	000
12. SUPPLEMEN	TAL DATA:						
a. Estimate	d Design	Data:					
(1) Statu	s:						
(a) Da	ate Desig	n Started				10	-MAR-03
(b) Pa	arametric	Cost Est	imates used	l to dev	velop costs		YES
• (C) Per * (d) Da	rcent COI ate 35% T	apiere as	OI UI JAN	2004		20	10% -SEP-03
(e) Da	te Desig	n Complet	e			30	-SEP-04
(f) E	nergy Stu	udy/Life-C	ycle analy	sis was/	will be perf	formed	YES
(2) Pagig							
(2) Basis (a) S	: tandard c	or Definit	ive Design	_			YES
(b) W	here Desi	l <b>gn</b> Was м	lost Recently	Used -		S	HEPPARD
(3) Total	Cost (a	) = (a) 4	$(\mathbf{b})$ or $(\mathbf{d})$	+ (a);			(\$000)
(3) 10tai (a) P	roduction	of Plans	and Speci	fication	S		1,160
(b) Al	1 Other	Design Co	sts				580
(c) T	otal	-					1,740
(d) C	ontract						1,390
(e) in	i-house						350
(4) Const	truction	Contract	Award				05 JAN
(5) Const	truction	Start					05 <b>MAR</b>
(6) Cons	truction	Completio	n				07 JAN
* Indicat which i cost an	tes compl is compar nd execut	etion of able to t ability.	Project De raditional	finition 35% des	with Parame ign to ensure	tric Cost Esti e valid scope,	mate
b. Equipmen	nt associ	ated with	this proj	ect prov	vided from ot	her appropriat	ions:
					<b>BTOO</b>	<b>ΔΙ. VE</b> XD	
			I	ROCURIN	G APPRO	PRIATED	COST
EQUIPMEN	r nomenc	LATURE	AP:	PROPRIAT	CION OR RE	EQUESTED	(\$000)
DORM FUR	NISHINGS			3400	:	2005	2,000
							N

DD FORM 1391, DEC 99

1. COMPONENT		FY 2005 MILITARY	CONSTRU	OTION	I PROJECT	DATA	2. <b>DATE</b>
AIR FORCE		(comp	uter ger	erate	ed)		
3. INSTALLATIO	N AND I	LOCATION		4. P	ROJECT TI	TLE	
SHEPPARD AIR H	FORCE B	ASE, TEXAS		F-22	TECHNICAL	TRAINING F	ACILITY
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)
85796		171-625	VN	VP063	001	21	,284
		9. COS	T ESTIM	ATES	I		
		ITEM		U/M_	OUANTITY	UNIT	COST
F-22 TECHNICAL	TRATNIN	IG FACTI.TTY					16 592
CLASSROOM TRA	INTING	G FACILITI		SM	1.044	1 684	10,302
HIGH RAY TRAT	NING			SM	8 262	1,394	(11,517)
TRAINING SUPP						1,294	(1712)
TECHNICAL TRA	TNTNG I	AR/SHOP		SM	739	1 684	(1,712)
ANTITERRORISM		PROTECTION		SM	11 368	±,00∓ 31	
		INCIDENTIA		514	11,500	51	( 350)
SUPPORTING FAC	LLITIES						2,595
COMMUNICATIONS	5			LS			(1,250)
UTILITIES				LS			(725)
SITE IMPROVE	MENTS/PA	VEMENTS		LS			620
SUBTOTAL							19,177
CONTINGENCY	<b>(</b> 5.0	%)					959
TOTAL CONTRACT	COST						20,136
SUPERVISION, I	NSPECTIC	ON AND OVERHEAD (	5.7 <b>%)</b>				1,148
TOTAL REQUEST							21,283
TOTAL REQUEST	(ROUNDEI	))					21,284
EQUIPMENT FROM	OTHER	APPROPRIATIONS (NON-	-ADD)				<b>(</b> 425.0)
10. Descriptio	on of P	roposed Construction	Rein	force	d concret	e foundation	and floor
slab, masonry	walls an	nd metal roof system	n. Incl	udes	high-bay	training spa	ce,
classroom, lad,	, snop a	and support space.	Relocal	es ex	iscing co	amanication	training and
Air Conditionin	• • 31	50Tops					
			000	070			<i></i>
11. REQUIREMENT	r: 263	,150 SM ADEQUA	TE: 228	5,078 1	SM SU.	BSTANDARD: 2	6,400 SM
PROJECT: Cons	truct F	-22 Technical Train	ing Faci	lity.	(New M:	lssion)	
REQUIREMENT:	Adequate	ly sized and config	gured hi	gh ba	y technic	al training	facility to
beddown the F-	22 trai	ning syllabus. Inc.	ludes ni	gn-ba evis	ting comm	y space, cla unication tr	aining and
reroutes cable.	. Spec:	ial considerations :	include:	1) 1	Ventilatio	n to exhaust	carbon
monoxide gases	produce	ed by some training	procedu	res;	2) 400 he	rtz power is	required for
the training e	the training equipment in the high bays; 3) Floor in each high bay should be designed to						
support equipme	ent that	weighs up to 25,00	0 lbs;	4) Mu	ist have 1	arge access	hallways and
doors in and ar	ound hi	gh bays so they are	accessi	ble i	Eor large	training equ	lipment; 5)
training device	es: and	6) Must contain fou	r specia	al se	cured roo	ms for teach	ing/storing
sensitive information. Antiterrorism force protection measures will comply with minimum							
DoD Force Protection Construction Standards.							
CURRENT SITUAT	CURRENT SITUATION: All training facilities on Sheppard AFB are currently used to						
maximum capacity, leaving no appropriate space for $F-22$ maintenance training which is							
scheduled to b	egin in	the 2007-2008 time	trame.				
DD FORM 1391, I	DEC 99	Previous ed	litions	are o	bsolete.		Page No.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
AIR FORCE	(computer generated)						
3. INSTALLATION AND I	AND LOCATION 4. PROJECT TITLE						
SHEPPARD AIR FORCE BA	FORCE BASE, TEXAS F-22 TECHNICAL TRAINING FACILITY						
5. PROGRAM ELEMENT	ENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)						
85796	171-625 VNVP063001 21,284						

IMPACT IF NOT PROVIDED: If not provided, Sheppard AFB will have to force F-22 training into existing facilities, having a detrimental impact on current training. This impact includes removing aircraft to unsuitable outside locations, and relocating 28 classrooms in 3 facilities to space that is currently unavailable. Also, Sheppard AFB will not meet new mission requirements and troops will not receive adequate training to support the F-22 flying mission, meaning F-22 maintenance training will not be properly accomplished, leaving the USAF's most advanced fighter without properly trained maintenance technicians. Failing to provide this training will have a significant negative impact on the operational capability of the F-22.

ADDITIONAL: This project meets the scope/critera specificed in AF handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore a complete economic analysis was not performed. A certificate of exception has been Iprepared. Base Civil Engineer: Lt Col Hal M. Tinsley, (940) 676-2158. F-22 Technical Training Facility: 11,368 SM = 122,364 SF.

BASE CIVIL ENGINEER: Emanuel, LTC

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

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L. COMPONENT AIR FORCE		FY 2005 MILITA (co	RY CO	ONSTRUCI	TION PROJEC	r da	TA	2.	DATE
3. INSTALLATIO	N AND LO	OCATION			4. PROTECT	ттт	чт. <b>ह</b>		
SHEPPARD AIR E	ORCE BAS	E. TEXAS			F-22 TECHN	TCAL	TRAINING	FACILI	TY
5. PROGRAM ELI	EMENT	6. CATEGORY (	CODE	7. PROJ	ECT NUMBER	8.	. PROJECT C	OST (\$	3000)
95796		171 625		101	<b>D</b> 063001			004	,
65790		1/1-625		VIIV	P063001		21	,284	
12. SUPPLEMENT	AL DATA:								
a. Estimated	l Design	Data:							
(1) Status	:								
(a) Da	te Desig	n Started					1	0-MAY	-03
(b) Pa * (c) Par	arametric	Cost Estimates	used	to dev	elop costs			1	/ES ५६४
• (d) Dat	e 35% D	signed	UAW	2004			1	- 5-SEP-	-03
(e) Da	te Desig	n Complete					1	5-SEP	-04
(f) Ene	ergy Stu	dy/Life-Cycle ar	nalys	is was/	will be <b>per</b>	fon	med	3	YES
(2) Pagig									
(2) Basis:	andard o	r Definitive De	sian	-					NO
(b) Whe	ere Desi	gn Was Most Rece	ently	Used -					
									~~`
(3) Total	. Cost (C	(a) t (b) or $(b) = (a) t (b)$	(d)	+ (e):	-			(\$00	JU) 277
(a) PI (b) Al	1 Other	Design Costs	pecri	LICALION	8			1,2	539
(c) To	tal	Debigin Cobeb						1,9	916
(d) Co:	ntract							1,6	516
(e) In	-house							1	300
(4) Const	ruction	Contract Award						05 3	JAN
(5) Const	ruction	Start						05 1	MAR
(6) Const	ruction	Completion						07 3	JAW
* Indicat which i cost an b. Equipmen	es compl s compar d execut t associ	etion of Projec able to tradition ability. ated with this p	t Dei onal proje	inition 35% des ct prov	with Param ign to ensu ided from o	etri re v ther	ic Cost Est valid <b>scope</b> r appropriat	imate	
1-1	-			-					
EQUIPMENI	NOMENC	LATURE	P API	ROCURIN	FIS <b>APP</b> JON OR	CAL ROPR REQU	YEAR LIATED JESTED	(	COST <b>\$000)</b>
PREWIRED	WORKSTA	TIONS 5008500		3080		200	)5		425
D FORM 1391, 1	DEC 99	Previous	s edi	tions a	re obsolete.			rage 1	NO.
				14	9				

1. COMPONENT		FY 2005 MILITARY CONSTRUCTION PROGRAM 2.							2. DATE	
AIR FORCE										
INSTALLATION AND	DLOCATI	ON		COMM	AND:			5. AREA	A CONST	
HILL AIR FORCE BA	ASE,			AIR FC	RCE M	IATERIE	ΞL	COST IN	NDEX	
UTAH				COMM	AND			1.04		
6. Personnel	PEI	RMANENT		S	TUDEN	TS	SL	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 03	1026	6428	15200				1	0	68	22,72
END FY 2008	992	6428	14536				1	0	68	22,02
7. INVENTORY DAT	FA (\$000)									
Total Acreage:		6,973								
Inventory Total as of	f:(30 Sep	03)								2,481,42
Authorization Not Ye	t in Invent	ory:								95,90
Authorization Reques	sted in thi	s Program	:							13,11
Authorization Include	d in the F	ollowing P	rogram	:	(FY 20	06)				43,50
Planned in Next Thre	e Years F	Program:								105,80
Remaining Deficienc	y:									118,60
Grand Lotal:										2,858,33
B. PROJECTS REQU	JESTED	IN THIS P	ROGRA	AM:			(FY 200	5)		
CATEGORY							_	COST	DESIGN	STATUS
CODE	PROJEC	TTHLE				<u>SCOPE</u>	_	<u>\$,000</u>	<u>START</u>	CMPL
740-674	Fitness C	enter				6,000	SM	<u>13,113</u>	Design-B	uild
						Total		13,113		
9a. Future Projects:	Included i	n the Foll	owing F	rogram		(FY2	2006)			
141-764	Add to Se	oftware Su	pport Fa	acility		6,735	SM	18,500		
	(GTACS	& CAPRE	workloa	ad)						
141-765	ICBM Pro	pellant Ar	alysis (	Comple>	(	2,220	SM	7,700		
171-625	F-22A Ai	rcraft Battl	e Dama	ige Repa	air	2,020	SM	5,000		
	Training/	Storage Fa	acility							
214-425	729th AC	S Operation	ons/Mai	ntenanc	e	1,700	SM	4,900		
	Complex									
215-553	Armamer	nt Overhau	ıl/Test F	acility		1,228	SM	<u>7,400</u>		
						Total		43,500		
9b. Future Projects:	Tvpical Pi	anned Ne	xt Three	e Years	:					
130-142	Consolid	ated Fire/C	crash R	escue S	tation	4,737	SM	9,100		
141-764	Software	Support F	acility (F	16 Blo	ock)	6,800	SM	20,000		
211-152	Composi	te Repair I	acility,	Phase *	i	7,350	SM	25,000		
212-212	Composi	tes Radar	Cross S	Section F	ac	2,710	SM	12,000		
215-552	Munition	s Maintena	nce Fa	cility (36	6FW)	2,820	SM	4,500		
217-712	Electroni	cs Repair	Facility,	Phase	1	8000	SM	20,000		
422-259	Consolid	ate Missile	Storag	e Facilit	ies	3,535	SM	<u>15,200</u>		
						Total	• 	105,800		
9c. Real Propery Ma	intenance	Backlog	This Ins	tallation	(\$M)			126		
10. Mission or Major	Functions	: Oqden A	ir Logis	tics Cer	iter whi	ch is res	ponsible	for logisti	cs manag	ement,
support, and depot-le	evel maint	enance of	tactical	missile	s, F-16	aircraft, i	Minutema	an and Pe	acekeepe	r ICBMs,
ANVEDO 447 D.	<b>~</b>									1

support, and depot-level maintenance of tactical missiles, F-16 aircraft, Minuteman and Peacekeeper ICBMs, AN/FPS-117 Radar, Composite (including B-2 Composites), Power Systems, and Software workload; a test squadron with F-16, HH-1, MH-60, and HC/NC-130 aircraft; an air base wing; an Air Combat Command fighter wing with three F-16 squadrons; and an Air Force Reserve fighter wing with one F-16 squadron.

1. COMPONENT AIR FORCE	FY 2005 MILIT	2. DATE							
INSTALLATION AND LOCATI HILL AIR FORCE BASE, UTAH	ON C A C	COMMAND: AIR FORCE MATERIEL COMMAND	5. AREA COST IN 1.04	A CONST IDEX					
11. Outstanding pollution and Safety (OSHA) Deficiencies: a. Air pollution 0									
b. Water Pollution			0	[					
c. Occupational Safety an	d Health		0						
d. Other Environmental			0						

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE		FY 2005	MILITAR ( CON	Y CONSTRU	JCTION	I PROJECT	DATA	2. DATE	
3. INSTALLATI	ON AND	LOCATION			4. P	ROJECT TI	TLE	l	
HILL AIR FORCE	BASE,	UTAH			FITN	ESS CENTE	R		
5. PROGRAM ELE	MENT	6. CATE	GORY COD	E 7. PROJ	JECT ]	NUMBER	8. PROJECT	COST (\$000)	
72896		740	-674	KR	SM923	016	1	3,113	
							UNIT	COST	
		<u>ITEM</u>			<u>U/M</u>	QUANTITY			
FITNESS CENTER								9,825	
PHYSICAL FITN	IESS CEN	TER			SM	5,854	1,628	(9,530)	
ENCLOSED WALK	WAY				SM	146	1,400	( 204 )	
ANTITERRORISM	FORCE	PROTECTION	1		SM	6,000	15	(90)	
SUPPORTING FAC	ILITIES							2,137	
UTILITIES					LS			( 556)	
PAVEMENTS					LS	ļ		( 597 )	
SITE IMPROVEN	MENTS					Ľ		(437)	
COMMUNICATION	IS SUPPC	איז דע מאני ת.ד	VCK			r 		(197)	
SUBTOTAL	ING FIL				20			11 962	
CONTINGENCY	1 - 0	۹.۱						508	
TOTAL CONTRACT								12,560	
SUPERVISION	INSPECTI	ON AND OV	ERHEAD	(57%)				716	
TOTAL REQUEST				( 5.7 0)				13,276	
TOTAL REQUEST	(ROUNDE	( <b>G</b>						13,113	
EQUIPMENT FROM	1 OTHER	APPROPRIA	TIONS (NO	ON-ADD)				(550)	
10. Description	on of P	roposed C	onstructi	ion: Sing	gle s	tory with	concrete fo	undation and	
slabs, structu	ral ste	el frame,	insulate	ed walls a	and ro	of. Inc.	Lude space i	racquetball	
courts, a Heal	, ideke.	Wellness (	Center, a	and all n	ecessa	ary suppor	t. Constru	ct new walkway	
and relocate t	rack.	Comply wi	th DOD fo	rce prote	ction	requirem	ents per Un	ified	
Facilities Cri	iteria.								
Air Condition	ing: 1	50Tons	100000	- 1 001	CM	0110003310	NDD. 1 CAE 0		
II. REQUIREMEN	FT: 6,0	JOOSM	ADEQUAT	(Commont	SM Minai	SUBSIAND	HRD: 1,0455	<b>A</b>	
PROJECT: Cons	An adoc	runtolu gi	center.	(Current	MISS	lon) od fitnog	a contor is	roguired to	
support comba	t readi	ness and	improve t	he physic	al fi	tness of a	tive duty a	and reserve	
personnel. A	dequate	sport cou	irts, ra	cquetball	cour	ts, fitnes	ss areas, gro	up exercise	
areas, a Healt	th and N	Wellness C	enter, a	nd locker	room	s are need	led to suppo:	rt the military	
personnel assi	personnel assigned to Hill AFH. The existing sports field with running track, located								
existing indoc	or swimn	ing pool ]	be relo by the end	nclosed wa	alkway	y to impro	ove efficien	cies and reduce	
CURRENT SITUAT	LION:	The existi	ng fitne	ess and Hi	AWC IO	rograms an	e located in	two	
geographically	y separa	ted facil	ities re	sulting in	n frag	gmented of	perations wh	ich are	
economically u	unfeasib	ole to sta	ff on a	full-time	basi	is. The He	ess Fitness C	enter, built in	
1966, is the	primary	fitness c	enter, c	ontaining	most	of the r	equired core	functional	
area: nowever	, the D	arraind 18	Deres,	and III Sev	erat				
DD DODM 1201	DEC 00		Previous	editione	are	ongolete		FAGE NO.	

1. COMPONENT		FY	2005 MI	LITARY	CONSTR	UCTION PROJECT	DATA	2. DATE		
AIR FORCE		(computer generated)								
3. INSTALLATIO	N AND LO	AND LOCATION 4. PROJECT TITLE								
HILL AIR FORCE	E BASE, UTAH FITNESS CENTER									
5. PROGRAM ELE	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST							ST (\$000)		
72896			740-674	Ŀ	ĸ	SM923016	13,1	.13		

undersized by 47% for the existing program. The weight room, lockers, and exercise equipment area become extremely overcrowed. The mechanical and electrical loads are undersized resulting in poor heating, ventilation and lighting. The Westside Gym is located in a 1942 historical warehouse complex and is used mainly by the civilian base population. It contains the HAWC and the fitness areas. This site is in an obscure, difficult to reach location, 2-3 miles from the main fitness center not easily accessible to the airmen living on base.

IMPACT IF NOT PROVIDED: Sports and fitness programs will be critically hampered by lack of an adequate facility. Deficiencies in all core areas will continue to impact readiness and fitness of our military personnel. This has a direct adverse impact on personnel quality of life, morale, productivity, and impacts retention and readiness. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" , and the USAF Fitness Facilities Design Guide. This is a corporate Air Force directed project essential for quality of life and retention Of highly skilled personnel. An economic analysis has been prepared comparing the alternatives of new construction, renovation, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Base Civil Engineer: **Col** Wes Somers (801) 777-7505. Fitness Center: 5,854 SM = 63,000 SF, Enclosed Walkway 146 SM = 1,570 SF. Design Build - Design Build Cost (4% of Subtotal **Cost**):\$479,000. JOINT USE CERTIFICATION: This facility can be used by other components on an "as

available basis; however, the scope of the project is based on Air Force requirements.



1	Ì						
AIR FORCE		FY 2005 MILITA	ARY CO Moute	ONSTRUCTION	PROJECT	DATA	2. DATE
3. INSTALLATI	ON AND LO	OCATION		4. PRC	JECT TI	LE	
HILL AIR FORC	E BASE, U	UTAH		FITNES	S CENTER	ε	
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PROJECT	NUMBER	8. PROJECT CO	ST (\$000)
72896		740-674		KRSM923	016	13,	113
12. SUPPLEMEN	ITAL DATA	: Data:					
a. Estimate	a Design	Data:	w dee	ion-build pr	rocedures		
(2) Basis	:	uccompribucu b	y ueb	ign build pi			
(a) S (b) Wh	tandard here Desi	or Definitive De .gn Was Most Rec	esign ently	- Used -			NO
(3) All Ot	ther Desi	ign Costs					360
(4) Const	truction	Contract Award					04 <b>DEC</b>
(5) Const	truction	Start					05 <b>JAN</b>
(6) Cons	truction	Completion					06 <b>JUL</b>
(7) <b>Ener</b>	gy Study,	/Life-Cycle anal	ysis	was/will be	performe	ed	YES
b. Equipmen	nt associ	iated with this	proje	ct provided	from ot	er appropriat	ions:
			F= 0 ] 0			app-op	
EQUIPMEN	T NOMENC	LATURE	PROC	URING APPRO	FISCA APPRO OR RE	AL YEAR PRIATED QUESTED	COST (\$000)
FITNESS	CENTER E	OUIPMENT		3080		2006	550
		2					

No¶eeski s No¶eeski s

1 COMPONENT										
AIR FORCE		PY 2005 MILITARY	CONSTRU	JCTION Verate	( PROJECT	DATA	2. DATE			
	ON AND		icer gei			יס די				
	ION AND	LOCATION		1. P			GENGE			
CLASSIFIED	LOCATION			PRODU	CTION CON	INTELLI IPLEX	GENCE			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT I	NUMBER	8. PROJECT	COST (\$000)			
31011 NPI	Ρ	141-454	ZH	TV053	303	2	8,090			
		9. COS'	T ESTIM	IATES			1			
		ТТЕМ		TT/M	OIIANTTTY	UNIT	COST			
	LITGENC	F BRODIICTION COMPLE	v				19 627			
ADD TO INTEL	TOPNOP	DESCRIPTION COMPLEX	Λ	C VI	7 235	) 2 1 9 2				
ADD TO INTEL	TTTTTTTTT	PRODUCTION COMPLEX	ът እነም	SM	7,235	2,182	(15,787)			
ALTER INTERIO	LLIGENCE	PRODUCTION CHILLER	PLANI	SM	2 220	1,710				
ANTITER INTELL.	IGENCE P	RODUCTION COMPLEX		SM	2,230	1,140	(2,542)			
MILLIERKURLS	I FURCE	FROIDCITON		SM	1,435	25				
SUPPORTING FA	CILITIES						6,683			
UTILITIES				rs 1	:		(2,333)			
PAVEMENTS				rs 1			(204)			
SITE IMPROVEN	<b>TENTS</b>			LS			(477)			
NEW PARKING,	LOT OVE	RLAY, INTERSECTION	WORK	LS			(877)			
EMERGENCY GE	NERATORS			LS			(2,792)			
SUBTOTAL							25,320			
CONTINGENCY	( 5.0	<del>%</del> )					1,266			
TOTAL CONTRAC	r cost						26,586			
SUPERVISION,	INSPECTI	ON AND OVERHEAD (	5.7 %)				1,515			
TOTAL REQUEST							28,101			
TOTAL REQUEST	(ROUNDE	D)					28,090			
foundation, fl room, intellig generators, al with DOD minim Air Condition:	on of P oor slai gence pr ter road um <b>anti</b> i ing: 2	toposed Construction b, structural frame oduction, video tele d, add parking. Al terrorism/force prot 70Tons	n: SCH , pre-ca ecom; re ter fac: cection	ast co elocat ility stand	oncrete wa ce utiliti 10828; ad ards.	alls; includ es, remove d chiller s	es computer site road & 2- pace; comply			
11. REQUIREMEN	rr: 56,	837 SM ADEQUATE	: 2,759	SM	SUBSTANI	DARD: 45,668	SM			
PROJECT: Add,	Alter I	ntelligence Product:	ion Comp	olex (	New and C	urrent Missi	ion)			
REQUIREMENT: Facility (SCIF	A highl ) is req	y classified, contiguired to enable Air	guous, Force	Sensi	tive Compa ted/endor:	artmented In sed mission	formation growth <b>of</b> the			
National Air a security inte	and Spac rest, as	e Intelligence Cent described in Natio	er (NAS) onal Sec	IC) in urity	areas of Policy D:	the highes irective 26	t national (NSPD-26).			
nese function	is requir /force r	re the facilities reprotection construct:	equested ion star	nere ndards	in. comp	vites with D				
	, 10100 р ТТОМ• П	The NASIC does not h	ave the	phys	ical floor	space to a	ccommodate the			
additional and	alysts a	and information tech	nology	equip	nent endo	rsed by the	Air Force			
through the p The NASIC is unique mission could pose a	additional analysts and information technology equipment endorsed by the Air Force through the programming process to accomplish its expanded national security mission. The NASIC is the sole Air Force production center for all source intelligence and has unique missions assigned by the DOD to assess foreign air and space capabilities that could pose a threat to the nation, and to support the global engagement of combat									
commanders. P	roductio	n/analytical spaces	are alr	ready	10% over	capacity and	d not capable			
			••••				D			

DD FORM 1391, DEC 99

Previous editions are obsolete.

Page No.

1. COMPONENT AIR FORCE		PY 2005 MILITARY CONSTRUCTION PROJECT DATA 2 (computer generated)							2.	DATE
3. INSTALLATIO CLASSIFIED L	LATION AND LOCATION 4. PROJECT TITLE IFIED LOCATION (NASIC) ADD/ALTER INTELLIGENCE PRODUCTION COMPLEX								E	
5. PROGRAM ELI 31011 NPI	E <b>MENT</b> IP	6. CATEGO 141-	ORY CODE	PE     7. PROJECT NUMBER     8. PROJECT COST       ZHTV053303     28.09					COST 8.090	(\$000)

of absorbing 27% additional billets programmed over the PYDP. Information technology growth will exceed available floor space in FY05 and NASIC is not capable of housing over \$22M in new equipment to be added over the FYDP. Considerable reductions in available intelligence will result from funds being diverted to pay for costly, substandard work-arounds. In addition, the Air Force endorsed NASIC Joint Reserve Intelligence Center (JRIC) is one of five Active Directory Hubs for the Joint Reserve Intelligence Program (JRIP). These Rubs provide backup data storage and server processing for the entire 27-site JRIP network, and are critical to the JRIP's support to combatant commanders during crisis and war. The NASIC JRIC success has generated Congressional support and has experienced a 200% increase in man-days supporting the Global War on Terrorism (GWOT). The current JRIC facility is already overcrowded during normal operations and was not designed to keep pace with the 24/7-mobilization support required for GWOT and other crisis operations. NASIC does not have the physical space to successfully accomplish the expanded mission responsibilities directed by the Air Force. IMPACT IF NOT PROVIDED: A major loss of planned mission capability endorsed by the Air Force to keep pace with the intelligence required under NSPD-26 will result from a failure to provide the required space. Costly workarounds to house additional 270 personnel and over \$22M in IT equipment will severely impact funding available for intelligence production (tooth-to-tail). Major security risks will result from housing overflow in multiple secure sites and significant admin overhead will be incurred to transport classified between sites. Severe overcrowding will limit production tools available to analyst. The JRIC will be unable to meet growing mission requirements for the 24/7 mobilization support for GWOT and support to combat commanders ADDITIONAL: All known alternative options were considered during the development of this project. No other option will meet the mission requirement.

. COMPONENT		PY 2005 MILITARY C	ONSTRU	JCTION PROJECT	DATA	2. DATE
IR FORCE		(compute	er ge	nerated)		
. INSTALLATIC	N AND L	OCATION		4. PROJECT TIT	LE	
CLASSIFIE	D LOCATI	ON		(NASIC) ADD/AL PRODUCTION COM	TER INTELLIGE	NCE
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PI	ROJECT NUMBER	8. PROJECT CO	ST (\$000)
31011 NFIP		141-454	:	ZHTV053303	28,	090
12. SUPPLEMEN	TAL DATA	•				
a. Estimate	d Design	Data:				
(1) Proje	ct to be	accomplished by des	ign-b	uild procedures		
(2) Basis	•					
(a) St (b) W	here <b>Desi</b>	or Definitive Design gn Was Most Recently	- 7 Used	1 -		YES
<b>(3)</b> All O	ther Des	ign Costs				760
(4) Const	ruction	Contract Award				05 JAN
(5) Const	ruction	Start				05 <b>MAR</b>
(6) Const	ruction	Completion				06 DEC
(7) Energ	y Study	/Life-Cycle analysis	was/w	vill be performe	d	YES

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1. COMPONENT		FY 2005 MILITARY	CONSTRU	UCTION	I PROJECT	DATA	2. DATE
AIR FORCE		( compi	uter ge	nerate	ed)		
3. INSTALLATIO	ON AND LO	OCATION		4. P	ROJECT TI	TLE	
CLASSIFIED	LOCATIO	N	-	SPECI FACII	IAL TACTIO	CAL UNIT DET.	ACHMENT
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)
27248		999-999	PZ	AY2050	004		704
		9. COS	T ESTI	MATES	<u></u>		
 		ITEM	<u>u/m</u>	QUANTITY	UNIT	COST	
PRIMARY FACTL	TTES						704
SPECIAL TACT	ICAL INT	Т ПЕТАСНМЕНТ БАСТІ.Т	τv	LS			( 704)
SUBBORTING FA							( )04)
SUPPORTING FA	.1011169						704
TOTAL CONTRACT	COST						704
TOTAL REQUEST					1		704
TOTAL REQUEST	(ROUNDEL	))					704
10. Description	on of P:	roposed construction	1:		<u> </u>		
11 000000000	m. 10		CITEC				
DROIFCT, AG	1: 10	ADEQUALE. DS	0000				
REQUIREMENT:	Special	access required					
	2200202						

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AIR FORCE	PY 2005 MILITARY (comp	CONSTRU	CTION erate	N PROJECT	DATA	2. DATE				
3. INSTALLATION AN	D LOCATION		4. P	ROJECT TI	LE	+				
CLASSIFIEDLOCA	TION		PRED	ATOR MAIN	TENANCE COMP	<b>7.EX</b>				
5 PROGRAMET ENCENTE		7 550								
or The characteriat	6. CATEGORI CODE	7. PROC	ECI /	TOMOS	6. PROJECI	COSI (\$000)				
21576	211-152	AC	C051	003	2	6,121				
	9. COS	T ESTIN	ATES							
			_		UNIT	COST				
	ITEM		U/M	QUANTITY						
PREDATOR MAINTENANC	E COMPLEX					17 157				
GENERAL PURPOSE MA	INTENANCE SHOP		см	2 230	2 1 2 2	( 4 754 )				
AGE MAINTENANCE FA	CILITY		SW	1 301	1 747	(4,754)				
HANGAR ADDITION			CM	2 700	2 175	(2,273)				
GROUND CONTROL STA	TTON		GM	1 301	2,175					
GUDDODETNO ENGLI IET	EC		012	1,501	5,125	(4,000)				
SUPPORTING FACILITI	ES					6,379				
UTILITIES			LS			(1,629)				
ACCESS ROAD/PARKIN	1G		LS			(1,500)				
AIRFIELD PAVEMENTS	1					(2,050)				
COMMUNICATION SUD			15			(1,000)				
COMMUNICATION SUPP	OKI		60			(200)				
SUBTOTAL						23,536				
CONTINGENCY (5	.0%)					1,177				
TOTAL CONTRACT COST						24,713				
SUPERVISION, INSPEC	TION AND OVERHEAD (	5.7 <b>%)</b>				1,409				
TOTAL REQUEST						26,121				
TOTAL REQUEST (ROUN	DED)					26,121				
10. Description of slabs, masonry wall detection/protection road, parking, airf standards. Infrast undeveloped area of Air Conditioning:	Proposed Construction s with structural ste a, upgrade utilities, field pavements, lands cructure upgrades are the installation. 200 Tons	n: Rein eel frama site in caping, needed s	force , me nprove and n ince	d concret tal roof s ements, co ninimum Do the beddo	e foundation ystems, fir ommunications oD force pro- wn site is (	ns and floor e s, access tection <b>pn</b> an				
11. REQUIREMENT · 7	ADEOUATI	E: 0 SM	s	UBSTANDARD	: 0 SM					
PROJECT: Construct	Predator Maintenance	Complex	. (	New Missio	n)					
REQUIREMENT: This	project supports the	AF obje	ctive	of a real	-, l-time "Hunt	er/Killer"				
capability by ensur	ing adequate facilitie	es are a	vaila	able to su	pport Predat	tor operations				
and maintenance act	tivities. Acquisition	n of air	craf	t was acco	elerated to co	ombat the war				
on terrorism. Delivery of the new aircraft is scheduled to begin in FY05/2Q.Permanent										
facilities adequate	facilities adequately sired and configured for multiple maintenance/logistics functions									
include general pur	port the Predator mis	(engine	s. av	ionics. w	eel and tir	e. etc). AGF				
maintenance, and ha	angar addition. Opera	ations req	uire	ments incl	ude a groun	d control				
station. Infrastru	station. Infrastructure upgrades are required to support new facility construction in									
an undeveloped area	an undeveloped area.									
CURRENT SITUATION: reconfigured to sup with this new weapon	There are no excess pport the operations/mon system. These fund	faciliti maintena ctions w:	.es at nce/l ill b	t the bedd ogistics n e located,	lown location requirements on an inte:	n that <b>can</b> be associated rim basis, in				

AIR FORCE	PY 2005 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)							
3. INSTALLATION AND I CLASSIFIEDLOCATIO	AND LOCATION 4. PROJECT TITLE LOCATION PREDATOR MAINTENANCE COMPLEX							
5 PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
27576	211-152	ACC051003	26,121					

temporary facilities (leased modular units) until permanent facilities are provided. Adequate utility and pavement infrastructure is not available in the undeveloped area of the installation selected as the construction site.

IMPACT IF NOT PROVIDED: Failure to provide facilities to support this new mission beddown will significantly impact Predator operational capabilities. Adequate facilities will not be available to perform critical maintenance/logistics functions. This will force inefficient work-arounds that will degrade mission performance. Also, w thout adequate space, valuable assets will be exposed to harsh environments resulting i n early deterioration and increased maintenance requirements.

ADDITIONAL: This project meets the criteria and scope specified in Air Force Handbook 32-1084, 'Facility Requirements'. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It

idicates there is only one option that will meet operational requirements. Because of this, an economic analysis was not performed. A certificate of exception has been prepared. (General Purpose Maintenance Shop: 2,230 SM = 23,995 SF; AGE Maintenance Picility: 1,301 SM = 13,999 SF; Hangar Addition: 2,788 SM = 30,000 SF; Ground Control Station: 1,301 SM = 13,999 SF)

BASE CIVIL ENGINEER: SMITH

<u>JOINT USE CERTIFICATION:</u> Mission requirements, operational considerations, and location are incompatible with use by other components.

. COMPONENT IR FORCE	FY 2005 MILITARY (comp	CONSTRUCTIO	ON PROJECT	DATA	2. DATE
. INSTALLATION A CLASSIFIED LOC	AND LOCATION ATION	4	PROJECT I	TITLE	FY
			REDATOR MA.	INTERANCE COMPI	JEA
>. PROGRAM ELEME	6. CATEGORY CO	DE 7. PROJE	CT NUMBER	8. PROJECT COS	ST (\$000)
27516	211-152	ACC	051003	26,	121
12. SUPPLEMENTAL	DATA:				
a. Estimated D	esign Data:				
(1) Status:					
(a) Date	Design Started			15	- APR-03
(b) Param	etric Cost Estimates u	sed to devel	lop costs		YES
• (C) Percer	nt Complete as of Ul (	JAN 2004		0.0	15%
(e) Date	Design Complete			15	-SEP-03
(f) Energ	v Study/Life-Cycle ana	lvsis was/w	ill be perf	ormed	YES
(-,	/		20 For		
(2) Basis:					
(a) Stand	ard or Definitive Desi	.gn -			NO
(D) where	Design was Most Recen	itly Used -			
(3) Total Co	ost (c) = (a) + (b) or	(d) + (e):			(\$000)
(a) Prod	uction of Plans and Sp	ecifications			1,567
(b) All (	)ther Design Costs				784
(c) Total	L .				2,351
(C) Conti (C) Tr-h	ract				392
(e) 111-110	Juse				001
(4) Construc	tion Contract Award				05 FEB
(5) Construc	tion Start				05 MAR
(6) Construc	tion Completion				07 JUN
<ul> <li>Indicates which is cost and</li> </ul>	completion of Project comparable to tradition executability.	Definition nal 35% desi	with Parame gn to ensur	tric Cost Estin e valid sco <b>pe</b> ,	mate
b. Equipment	associated with this p	roject provi	ded from ot	ther appropriat	ions:
N/A					
1					
1					

## **PAGE INTENTIONALLY LEFT BLANK**

## OUTSIDE THE UNITED STATES

1 COMPONENT		EV 20			CONS	TRUCTIO		GRAM		
AIR FORCE			000 1011		CONO				Z. DATE	
3. INSTALLATION AN	DLOCATION			4. CON	IMAND	•		5. AREA	CONST	
RAMSTEIN AIR BASE	,			UNITED	) STAT	ES AIR		COST INE	DEX	
GERMANY			I	FORCE	, EURO	OPE		1.22		
6. Personnel	PERMAN	ENT		ST		ſS	SU	PPORTED		
Strength	OFF	FNI	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 03	1.443	6.984	2.885	66	946	124	302	586	181	13.51
END FY 2008	1.471	7.040	2.894	66	946	124	302	586	181	13,61
7. INVENTORY DATA	(\$000)			•				•		
a. Total Acreage:		5.068								
b. Inventory Total as o	of : (30 Sep 03)	)								2,801,700
c. Authorization Not Y	et in Inventory:									150,300
d. Authorization Requ	ested in this Pr	ogram:								25,40
e. Authorization Inclue	ded in the Follo	wing Prog	ram:		(FY 20	06)				34,91
f. Planned in Next Th	nree Years Prog	gram:								60,70
g. Remaining Deficier	ncy:									409,65
h. Grand Total:										3,482,668
8. PROJECTS REQU	JESTED IN THI	S PROGR	RAM:				(FY 200	)5)		
CATEGORY								COST [	DESIGN	STATUS
CODE	PROJECT TI	<u>LE</u>				<u>SCOPE</u>		<u>\$,000 S</u>	<u>STARI</u>	<u>CMPL</u>
140-000	Theather Aero	space Op	Spt Ce	enter		5,000	SM	24,204	Apr-03	Sep-04
422-264	Small Diamete	er Bomb Fa	acilities	, Ph 1		193	SM	1,200	Apr-03	Sep-04
On Future Designed	a alizzata al tra Ala a	E a ll a colina ac	Deserve		/5	10121		25,404		
9a. Future Projects: 1	ncluded in the	Following	Progra	im:	()-	1 1 5 0	SM	1 711		
422-204	Small Diamete	er Bomb B	eddow	11		77 000	SIVI	23 600		
210 042	Ramp 1, Phas			ام		2 570	SM	23,000		
219-943	Almeid Mainte	enance Co	mpoun	a		Z,370	SIVI	34 914	•	
Oh Eutone Designates						Total		01,011		
<b>9D.</b> Future Projects:	i ypical Planned		ee rea	ars:		7 550	SM	21 300		
141-700	Mobility Proce	essing Cen	iter			2 402	SM	21,500 9,500		
210-712	AGE Mainten	ance				10 000	SM	4 500		
113-321	PNAF Pad	aa 2				61 000	SM	14 800		
1/1-000	Squad Opc/A	Se 3 Mii 27 AG				3 561	SM	10,600		
141-000	Squau OpsiA	IVIU, ST AS	>			Total	CIVI	60 700		
						1 otai		00,100		
9c. Real Properv Ma	aintenance Rack	log Thie I	nstallati	ion (SM)				168		
10 Mission or Major	Functions: A bo	st sirlift ui	na eur	norting (	a C-130	F sauadr	on a C-	orheuna AQ	n and a c	auadron
composed of C.204	and C-21A aire	craft: Head	ny sup duarter	s Uniter	d States	Air Foro	es in Fu	rope and H	eadouarte	rs Allied A
Forces Central Euro			9441101						Jaaquano	
11. Outstanding poll	ution and Safet	V (OSHA)	Deficie	ncies:						
a. Air pollution			201010					0		
b. Water Polluti	on:							0		
c. Occupational	Safety and Hea	alth:						0		
J i i										
d. Other Enviro	nmental:							0		

1. COMPONENT AIR FORCE		FY 2005 MILITARY	CONSTRU	JCTION	PROJECT	DATA	2. DATE		
3. INSTALLATIO	N ANTO L	OCATION	2001 Je	4 10	~~, PO.TECT TT	יד די	-		
RAMSTEIN AIR	Base, gel	RMANY		USAFI SUPPO	E THEATER DRT CENTER	AEROSPACE OF	PERATIONS		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT (	PROJECT COST (\$000)		
27596		141-461	TYF	R0230	44R1	24	,204		
		9. COS	T ESTIN	IATES					
		TTEM		U/M	OUANTITY	UNIT	COST		
USAFE THEATER	AEROSPA	CE OPS. SPT. CENTER					15,843		
OPERATIONS SU	IPPORT C	ENTER	SM	5,000	2,195	(10.975)			
UNDERGROUND C	ONNECTI	IG TUNNEL		т.м	110	1,820	( 200 )		
ANTITERRORISM	FORCE	PROTECTION		LS		1,010	(4 668 )		
SUPPORTING FAC	CILITIES						5,502		
UTILITIES				LS			(1,070)		
PASSIVE FORCE	E PROTEC	TION		LS			( 860)		
SCIP SHIELDIN	IG, SECU	IRE COMM. & ELEC. PO	WER	LS			(1,050)		
COMMUNICATION	SUPPOR	Т		LS			(702)		
SITE DEVELOPM	(ENT & I	MPROVEMENT		LS			( 1,030)		
ENVIRONMENTAI	soil R	EMEDIATION		LS			( 200)		
PAVEMENTS ANI	D PARKIN	ſĠ		LS			( 590)		
SUBTOTAL							21,345		
CONTINGENCY	( 5.0	€)					1,067		
TOTAL CONTRACT	COST						22,412		
SUPERVISION,	INSPECTI	ON AND OVERHEAD (	6.5 %)				1.457		
TOTAL REQUEST							23,869		
TOTAL REQUEST	(ROUNDE	D)					24,204		
EQUIPMENT FROM	OTHER	APPROPRIATIONS (NON	-ADD)				( 4,000.0)		
10. Description of Proposed Construction: Two story structure with splinter and blast protection, reinforced concrete footings, floor slab, walls and roof system. The facility includes offices, basement with vault, automatic data processing, SCIP shielding, secure communication, parking, and all utilities. Entry control point, stairwell with connecting tunnel and other necessary support. Includes required <b>DoD</b> and <b>EUCOM</b> force protection standards. Air Conditioning: 180 Tons									
11. REQUIREMEN	T: 50	00 SM ADEOUATE	5:0 SM	s	UBSTANDARI	5: 3,205 SM			
PROJECT: Cons Mission)	struct (	JSAFE Theater Aerosp	ace Ope	ration	ns Support	Center. (C	urrent		
REQUIREMENT:	An adeq	quately sized and co	onfigure	d fac	ility to h	ouse 300 pers	sonnel <b>to</b>		
provide Centra	provide Centralized critical command and control capabilities to European Theater								
commanders.	Facility	needs to provide a	a centra	lized	location	for senior 1	eadership and		
commanders to	access,	process, and disse	eminate	Critic Fac	cal real t ili+v will	the reconnais	ssance and		
command effici	iala to Lencv hv	eliminating duplic	ation o	f eff	ort and fu	llv integrate	e command and		
control. Ant	iterror:	ism and force protect	ction co	sts a	re higher	due to the su	urvivability		
requirements a	nd the	critical command and	d contro	ol fur	nctions of	this facilit	- - -		
CURRENT SITUA	TION:	Ramstein AB does not	t have t	he fa	cilities o	or the capabi	lities to		
DD FORM 1391,	DD FORM 1391. DEC 99 Previous editions are obsolete. Page No.								

163 a.

1. COMPONENT FY 2005 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE RAMSTEIN AIR BASE, GERMANY USAFE THEATER AEROSPACE OPERATIONS SUPPORT CENTER 5. PROGRAM ELEMENT 7. PROJECT NUMBER 8. PROJECT COST (\$000) 6. CATEGORY CODE 27596 141-461 TYFR023044R1 24,204 ccommodate this dynamic and complex mission. Vital command and control functions are idely separated from each other as well as from primary intelligence and artime/peacetime commanders resulting in reduced capabilities, vulnerable communication inks, and extensive operational delays in a field sensitive to the value of time. MPACT IF NOT PROVIDED: Control of European theater air and space planning, execution, nd sustainment of contingency and wartime operations will continue to be severely imited due to the dispersed locations of the various functions. Additionally, mission apabilities will decrease and communication links will remain vulnerable. Operational lelays will continue to exist. DDITIONAL: This project is not currently eligible for NATO funding. However, a recautionary pre-finance statement will be submitted in the event eligibility is stablished. This project meets the criteria/scope specified in AFH 32-1084, \*Facility lequirements". A preliminary analysis of reasonable options was done and indicated that mly one option meets operational requirements; therefore, an economic analysis was not erformed. A certificate of exception has been prepared. Base Civil Engineer: Col Carlos Cruz-Gonzalez, 011-49-6371-6228. Operations Support Center: 5,000 SM = 53,820 **F**; Underground Tunnel 110 LM = 361 LF. FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314 IOINT USE CERTIFICATION: This facility can be used by other components on an "as vailable" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT		FY 2005 MILI	TARY C	ONSTRUCI	TION PROJECT	DATA	2. DATE
		OCA TTON	(comput	er gener	4		
S. INSTALLATIO	JN AND I	JOCATION			4. PROJECT	TITLE	
RAMSTEIN AIR .	BASE, GE	RMANY		T	SUPPORT CEN	SR AEROSPACE O	PERATIONS
5. PROGRAM EL	EMENT.	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27596		141-46	1	TYF	R023044R1	24.	204
12. SUPPLEMEN a. Estimate (1) Status	TAL DATA d Design s:	: Data:					
( <b>a</b> ) Da	te Desig	n Started				20	-APR-03
(b) Pa	rametric	Cost Estimat	es used	l to dev	elop costs		YES
* (c) Per	cent Co	mplete as of	01 JAW	2004			15%
* (d) Dat	ce 35% I	esigned				05	- AUG-03
(e) Da	te Desig	n Complete	7			01	-SEP-04
(f) En	ergy Sti	dy/Life-Cycle	analys	sis was/	will be perf	ormed	YES
(2) Basis	:						
(a) St (b) Wh	andard o ere Desi	or Definitive .gn Was Most R	Design Recently	- Vused -			NO
(3) Total	Cost (	c) = (a) + (b)	or $(d)$	+ (e):			(\$000)
(a) Pr	oduction	of Plans and	Specif	ication	S		1,542
(b) Al	l Other	Design Costs	-				771
(c) To	tal						2,313
( <b>d</b> ) Co	ntract						1,928
(e) In	-house						385
(4) Const	ruction	Contract Awar	d				05 JAN
(5) Const	ruction	Start					05 FEB
(6) Const	ruction	Completion					07 <b>JUN</b>
• Indicat which i cost an	es compl ls compan nd execu	etion of Proj rable to tradi tability.	ect Def tional.	inition 35% des	with Paramet ign to ensure	tric Cost Estin e valid scope,	nate
b. Equipmen	t associ	ated with thi	s proje	ct prov	ided from oth	ner appropriati	.ons:
EQUIPMEN'	r nomeno	CLATURE	P API	ROCURIN	FISCA APPRO ION OR RI	AL YEAR PRIATED EQUESTED	COST (\$000)
COMMUNIC	ATIONS	EQUIPMENT		3400	:	2006	4,000
				•			
DD FORE 1391,	DEC 99	Previo	ous edi	tions an	re obsolete.	P	age No.

1. COMPONENT		FY 2005 MILITARY	CONSTRU	JCTIO	I PROJECT	DATA		2. DATE
AIR FORCE		(comp	uter gei	nerate	ed)			
3. INSTALLATIO	N AND I	LOCATION		4. P	ROJECT TI	TLE		
RAMSTEIN AIR E	BASE, GE	RMANY		SMAL	L DIAMETE	R BOMB FACIL	JITI	ES, PH. 1
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT I	NUMBER	8. PROJECT	COS	T (\$000)
27240		422-264	TY	FR063	0311	1	L,20	0
		9. COS	T ESTIN	IATES				
		ITEM		I/M.	JUANTITY	UNIT		COST
WALL DIAMETER	BOMB FA	CILITIES, PH. 1						596
MUNITIONS STO	RAGE MO	DULE (MSM)		SM	193	3.028		<b>(</b> 584)
ANTITERRORISM	ANTITERRORISM FORCE PROTECTION					62		( 12)
SUPPORTING FAC	TLITTES							,
IITTI.TTTES								470
PAVEMENTS				1.5				(1/0)
SITE DEVELOPM	ENT & I	MPROVEMENTS		LS				(68)
PASSIVE FORCE	PROTEC	TION MEASURES		LS				(31)
LIGHTNING PRO	TECTION			LS				(23)
COMMUNICATION	SUPPOR	Т		LS				( 32)
STORMWATER DF	RAINAGE			LS				(56)
ENVIRONMENTAL	REMEDI	ATION		LS				( 33)
JUBTOTAL								1,072
CONTINGENCY	<b>(</b> 5.0	<b>%</b> )						54
COTAL CONTRACT	COST							1,126
HJPERVISION, I	NSPECTIO	ON AND OVERHEAD (	6.5 <b>%)</b>					73
<b>COTAL</b> REQUEST								1,199
COTAL REQUEST (ROUNDED)								1,200
EQUIPMENT FROM	OTHER	APPROPRIATIONS (NON-	-ADD)					(250.0)
.o. Descriptio	on of Pr	roposed Construction	n: All	civil	, structu	ral, electr	ical	, utility
ind communicat:	ion worl	necessary for the	constru	action	of an ea	rth covered	, ha	ardened
mall Diameter	Bomb st	torage facility with	h reinfo	rced .	concrete	footings, fl	loor	slab,
valis and roof	, light:	ing protection, as	well as	ion s	Losion pro	and all oth	stee or 1	el doors on
iupport.	. 111011	des regionar rorce	protect	1011 2		and all och		necessary
	• 770	SM איזהיאטער.	0 SM	SIIP	STANDAD.	0 SM		
IPOIECT: Cong		noll Diamatan Bamb		facil	ition (N	ow Mission)		
POULDEMENT.	Adoguate	all Diameter Bomb	storage		iog are r	ew MISSION)	+he	beddown of
the new "Small	Diamet	er Bomb" (SDB) weapon	n svste	n, sta	arting in	FY05, in or	der	to provide
ufficient war:	fighting	g capabilities with	in the E	lurope	an Theate	r, as well a	as t	he Middle
East region.	The sto	rage facilities need	l to pro	ovide	space for	storage, s	ervi	icing and
preparation for	>reparation for shipment of the new SDB weapon system, promoting a safe work environment							
and minimizing potential mishaps. This is the first phase of a four-phase project and								
standards. Ut	ilities	cost increased due	to 'the	faci	lity being	built in a	n u	ndeveloped
nvironmental :	sensitiv	ve area, requiring e	extensiv	e uti	lity and	communicatio	on r	runs.
JURRENT SITUAT	ION: R	<b>amstein</b> AB has neit	her the	faci	lities nor	the storage	e ca	apabilities
:o accommodate	this ne	ew weapon system.	The base	e is t	he centra	l airlift hu	ıb f	or the
suropean and M	raare Ea	ast regions, for al.	r persor	mei,	materials	ana suppli	es,	as well as
DD FORM 1391, I	DEC 99	Previous ed	litions L	<sup>are</sup> °	bsolete.		Pa	ge No.

1. COMPONENT		FY 2005 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(computer generated)							
3. INSTALLATIC	N AND LO	CATION			4. PROJECT TI	TLE			
RAMSTEIN AIR E	BASE, GER	R BOMB FACILIT	IES, PH. 1						
5. PROGRAM ELE	EMENT	6. CATEGOR	Y CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
27240		422-26	54	TY	FR0630311	1.2	00		

weapons/munitions, being transported to and from conus via airlift in support of contingencies and wartime operations.

IMPACT IF NOT PROVIDED: Support of contingencies and wartime operations within the Europe and Middle East theaters will be severely hampered, due to non existing storage and support facilities for this new weapon system. Respective weapons will need to be bbrought on scene directly from conus via airlift, possibly leading to extended operation delays and jeopardizing mission success.

ASDITIONAL: This project is not currently eligible for NATO funding. However, a precautionary prefinance statement will be submitted in the event eligibility is established. This project meets the criteria/scope specified in AFH 32-1084, \*Facility Requirements." Base Civil Engineer: Col. Jeffrey L. Leptrone, 011-49-6371-47-6228. Small Diameter Bomb Facility: 193 SM = 2,077 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR 1.0314

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	<b>FY</b> 2005 MII	ITARY CONSTRUC	TION PROJECT	DATA	2. DATE
3. INSTALLATIC	N AND LOCATION		4. PROJECT	TTTLE	
RAMSTEIN AIR H	BASE, GERMANY		SMALL DIAME	 TER BOMB FACILI	TIES, PH. 1
5. PROGRAM ELI	EMENT 6. CATEGOR	RY CODE 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27240	422-26	54 I TYI	R0630311	1	200
12. SUPPLEMENT	TAL DATA:	1		<u>, ,</u>	
a. Estimated	d Design Data:				
<ul> <li>(1) Status         <ul> <li>(a) Date</li> <li>(b) Pare</li> <li>(c) Pere</li> <li>(d) Date</li> <li>(e) Date</li> <li>(f) End</li> </ul> </li> </ul>	s: te Design Started rametric Cost Estimat cent Complete <b>as</b> of te 35% Designed te Design Complete ergy Study/Life-Cycla	ces used to dev 01 JAN 2004 e analysis was,	relop costs /will be perf	15 Ol ormed	-APR-03 YES 15% -AUG-03 -SEP-04 YES
(2) Basis (a) St (b) What	: candard or Definitive ere Design Was Most:	Design <del>-</del> Recently Used ·			NO
<ul> <li>(3) Total</li> <li>(a) Pr</li> <li>(b) Al</li> <li>(c) To</li> <li>(d) Co</li> <li>(e) In</li> </ul>	Cost (c) = (a) + (k coduction of Plans ar l Other Design Costs tal ntract -house	b) or ( <b>d</b> ) + (e): ad Specification	15		(\$000) 79 39 118 99 19
(4) Constr	ruction Contract Awa	rd			05 <b>JAN</b>
(5) Const	ruction Start				05 MAR
(6) Const	ruction Completion				06 <b>FEB</b>
• Indicate which i cost an b. Equipmen	es completion of Pro s comparable to trad d executability. t associated with th	ject Definitior itional 35% des is project pro	with Parame sign to ensur vided from ot	tric Cost Estin e valid scope, her appropriati	.ons:
EQUIPMEN	I NOMENCLATURE	PROCURIN APPROPRIA	FISCA G APPRC FION OR R	AL YEAR DPRIATED EQUESTED	COST ( <b>\$000)</b>
COMMUNIC	TIONS EQUIPMENT	3400	:	2005	250
		·			
DD FORM 1391, 1	DEC 99 Prev:	ious editions	are obsolete.	Р	age No.
		16	8		

NSTALLATION AND LOCATION       COMMAND:       5. AREA CONST         THULE AIR BASE       AIR FORCE SPACE       COST INDEX         SREENLAND       CIV       OFF       ENL       CIV       OFF         I'rength       OFF       ENL       CIV       OFF       ENL       CIV       TOTAL         SOF 30 SEP 03       25       111       2       0       0       0       0       665       82         IND FY 2008       24       110       2       0       0       0       0       6655       82         IND FY 2008       24       110       2       0       0       0       0       6655       82         IND FY 2008       24       110       2       0       0       0       0       6655       82         IND FY 2008       24       110       2       0       0       0       0       665       82         Interview       108.00       10.80       2.956.49       10.80       19.80       19.80       19.80       19.80       19.80       19.80       3.082.19       3.082.19       3.082.19       3.082.19       3.082.19       1.025.10       19.800       19.800       19.800       1	1. COMPONENT AIR FORCE		FY 200	05 MILI	TARY	CONST	RUCTIC	N PROC	GRAM	2. DATE		
PERSONNEL         PERMANENT         STUDENTS         SUPPRIED           itrength         OFF         ENL         CIV         TOTAL         SO         0         0         0         6.85         82           .         INVENTORY DATA (\$000)	INSTALLATION ANE THULE AIR BASE }REENLAND	DLOCATI	ON		COMM AIR FO COMM	AND: RCE SI AND	PACE		5. AREA CONST COST INDEX I 2.98			
itrength VS OF 30 SEP 03         OFF         ENL         CIV         OFF         ENL         CIV         OFF         ENL         CIV         TOTAL           IND FY 2008         25         111         2         0         0         0         0         0         685         82           IND FY 2008         24         110         2         0         0         0         0         685         82           IND FY 2008         24         110         2         0         0         0         0         685         82           IND FY 2008         24         0.02         0         0         0         0         685         82           International Actic         234,022	Personnel	PEF	RMANENT	-	S1	UDEN	rs	SU	PPORTE	ED		
IS OF 30 SEP 03         25         111         2         0	Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	ΤΟΤΑΙ	
IND FY 2008       24       110       2       0       0       0       0       0       685       82         . INVENTORY DATA (\$000)       iotal Acreage:       234,022       24       10,80       2,956,49         uthorization Nequested in this Program:       10,80       19,80       19,80         uthorization Included in the Following Program:       (FY 2006)       19,80         'anned in Next Three Years Program:       95,10         'arand Total:	\S OF 30 SEP 03	25	111	2	0	0	0	0	0	685	82	
INVENTORY DATA (\$000)       234,022         ventory Total as of: (30 Sep 03)       2,956,49         uthorization Not Yet in Inventory:       10,80         uthorization Requested in this Program:       19,80         ventory Total as of: (30 Sep 03)       95,10         'anned in Next Three Years Program:       95,10         'arand Total:       3,082,19         '. PROJECTS REQUESTED IN THIS PROGRAM:       COST DESIGN STATUS         '21-312       PROJECT TITLE       SCOPE       \$,000 START         '21-312       Dormitory (72 RM)       2,520 SM       19,800       Apr-03       Sep-0.         Total       19,800       Apr-03       Sep-0.       Total       19,800       Apr-03       Sep-0.         Ia. Future Projects: Included in the Following Program:       (FY2006)       None       None       Sep-0.         Ib. Future Projects: Typical Planned Next Three Years:       None       None       Sep-0.       Total       19,800       Apr-03       Sep-0.         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51       Sep-0.       None       Sep-0.       None       Sep-0.	IND FY 2008	24	110	2	0	0	0	0	0	685	82	
3rand Total:       3,082,19         i. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         ATEGORY       COST DESIGN STATUS         20DE       PROJECT TITLE       SCOPE       \$,000       START       CMPL         21-312       Dormitory (72 RM)       2,520 SM       19,800       Apr-03       Sep-0.         Total       19,800       Apr-03       Sep-0.         Ia. Future Projects: Included in the Following Program:       (FY2006)         None       None         Ib. Future Projects: Typical Planned Next Three Years:       None         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. ind international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       0         b. Water Pollution       0	INVENTORY DAT otal Acreage: nventory Total as of uthorization Not Ye uthorization Reques uthorization Include Planned in Next Three Remaining Deficience	otal Acreage:234,022nventory Total as of : (30 Sep 03)2,956,49uthorization Not Yet in Inventory:10,80uthorization Requested in this Program:19,80uthorization Included in the Following Program:(FY 2006)Planned in Next Three Years Program:95,10Prand Total;3,082,19										
J. PROJECTS REQUESTED IN THIS PROGRAM:       (FY 2005)         COST DESIGN STATUS         20DE       PROJECT TITLE         21-312       Dormitory (72 RM)         2,520 SM       19,800         1a. Future Projects: Included in the Following Program:       (FY 2006)         None       None         1b. Future Projects: Typical Planned Next Three Years:       None         1c. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. ind international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         a. Air pollution       0         b. Water Pollution       0	Srand Total:	·y.								•	3 082 19	
ATEGORY       COST DESIGN STATUS         20DE       PROJECT TITLE       SCOPE       \$,000 START       CMPL         '21-312       Dormitory (72 RM)       2,520 SM       19,800       Apr-03       Sep-0.         Total       19,800       Apr-03       Sep-0.       None       None         'b. Future Projects: Included in the Following Program:       (FY2006)       None       None         'b. Future Projects: Typical Planned Next Three Years:       None       None       Sep-0.         'b. Future Projects: Typical Planned Next Three Years:       None       None       Sep-0.         'c. Real Propery Maintenance Backlog This Installation (\$M)       51       Sep-0.       Sep-0.         'o. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations 3quadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S.       Ind international flights per year; and is home to the northernmost deep water port in the world.       0         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0       0       0         b. Water Pollution       0       0       0       0				ROGR	ΔM·			(FY 200	5)		0,002,10	
PROJECT TITLE       SCOPE       \$000       START       CMPL         21-312       Dormitory (72 RM)       2,520 SM       19,800       Apr-03       Sep-0.         Total       19,800       Apr-03       Sep-0.       None       None         Ib. Future Projects: Included in the Following Program:       (FY2006)       None       None         Ib. Future Projects: Typical Planned Next Three Years:       None       None       Sep-0.         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51       Sep-0.       Sep-0.         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadron-part of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S.       Ind international flights per year; and is home to the northernmost deep water port in the world.       0         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0       0         a. Air pollution       0       0       0       0	ATEGORY							(1 1 200	COST	DESIGN	STATUS	
21-312       Dormitory (72 RM)       2,520 SM       19,800       Apr-03       Sep-0.         Total       19,800       Apr-03       Sep-0.         Ia. Future Projects: Included in the Following Program:       (FY2006) None         Ib. Future Projects: Typical Planned Next Three Years:       None         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. ind international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         b. Water Pollution       0	CODE	PROJEC					SCOPE	:	\$.000	START	CMPL	
Initial Property Dominally (IETRIN)       Total       19,800         Total       19,800         Ia. Future Projects: Included in the Following Program:       (FY2006) None         Ib. Future Projects: Typical Planned Next Three Years:       None         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations 3quadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. and international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         b. Water Pollution       0	21-312	Dormitor	$\sqrt{72}$ RM)				2 520	SM	19 800	Apr-03	Sep-04	
Ia. Future Projects: Included in the Following Program:       (FY2006) None         Ib. Future Projects: Typical Planned Next Three Years:       None         Ib. Future Projects: Typical Planned Next Three Years:       None         Ic. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. Ind international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         b. Water Pollution       0		Boinnor	<i>y</i> ( <i>i L i</i> ( <i>i</i> ))				Total		19,800	,	000 0	
IC. Real Propery Maintenance Backlog This Installation (\$M)       51         0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. ind international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         b. Water Pollution       0	Ia. Future Projects: Included in the Following Program:       (FY2006)         None         Ib. Future Projects: Typical Planned Next Three Years:         None											
0. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and rack Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadronpart of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. and international flights per year; and is home to the northernmost deep water port in the world.         1. Outstanding pollution and Safety (OSHA) Deficiencies:       0         b. Water Pollution       0	)c. Real Propery Ma	intenance	Backlog	This Ins	stallatior	n (\$M)			51			
c. Occupational Safety and Health 0 d. Other Environmental 0	0. Mission or Major rack Intercontinenta Squadronpart of th and international flig 1. Outstanding poll a. Air pollution b. Water Pollution c. Occupational d. Other Environ	Functions I Ballistic I le global s <u>hts per ye</u> ution and on Safety an	s: The bas Missiles (IG atellite cor ar <u>; and is h</u> Safety (OS	e hosts CBMs) htrol net home to SHA) D	s a Spac launche twork; or o the nor o eficienc	e Warn d again: berates thernme ies:	ing Squ st North a 10,000 ost deep	adron tha America ) foot run ) water po	at is desig ; hosts a way supp ort in the 0 0 0	gned to de Space Op porting 2,6 world.	tect and erations 00 U.S.	

D Form 1390, 24 Jul 00

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3. INSTALLATION AND LOCATION       4. PROJECT TITLE         THULE AIR BASE, GREENLAND       DORMITORY (72 RM)         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER 8. PROJECT COST (\$000)         35996       721-312       WWCX043001       19,800         9. COST ESTILWATES       9. COST ESTILWATES         UMIT COST         JUNIT         ORMITORY (72 RM)         JORMITORY (72 RM)         JUNIT         JUNIT         ORMITORY (72 RM)         JUNIT         ORMITORY (72 RM)         JUNIT         JUNIT         ORMITORY (72 RM)         JUNIT         JUNIT         SUPPORTING FACILITIES         JUNIT         JUNIT         SUPPORTING FACILITIES       LS									
3. INSTALLATION AND LOCATION       4. PROJECT TITLE         THULE AIR BASE, GREENLAND       DORMITORY (72 RM)         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER \$. PROJECT COST (\$000)         35996       721-312       WWCX043001       19,800         9. COST ESTILWATES       9. COST ESTILWATES       UNIT       COST         JUANTITY         ORMITORY (72 RM)         JORMITORY (72 RM)         JUANTITY         JUANTITY         JUANTITY         JUANTITY         ORMITORY (72 RM)         JUANTITY									
THULE AIR BASE, GREENLAND       DORMITORY (72 RM)         5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER 8. PROJECT COST (\$000)         35996       721-312       WWCX043001       19,800         9. COST ESTILUATES       9. COST ESTILUATES       UNIT       COST         JORMITORY (72 RM)         UNIT       UNIT       COST         JORMITORY (72 RM)       UNIT         JUNTITY       UNIT         JORMITORY (72 RM)       UNIT         JORMITORY (72 RM)       JUNTITY         JUNT       UNIT         JUNT       JUNT         JUNT       SUPENTIOR FACILITIES         JUNT </td									
5. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER 8. PROJECT COST (\$000)         35996       721-312       WWCX043001       19,800         9. COST ESTILATES       UNIT       COST         UNIT         UNIT <td< td=""></td<>									
35996       721-312       WWCX043001       19,800         9. COST ESTILMATES       UNIT       COST         JORMITORY (72 RM)       JUANTITY       UNIT       COST         DORMITORY (72 RM)       SM       2,520       6,000       (15,422         ANTITERRORISM FORCE PROTECTION       SM       2,520       6,000       (15,120         ANTITERRORISM FORCE PROTECTION       SM       2,520       120       (302         SUPPORTING FACILITIES       LS       2,290       2,290         UTILITIES       LS       (950       (350)         SUBTOTAL       LS       (240)       (350)         COMMUNICATIONS       LS       (240)       (750)         SUBTOTAL       LS       (17,712)       886         CONTINGENCY       (5.0 %)       LS       (17,712)         SUPERVISION, INSPECTION AND OVERHEAD       (6.5 %)       18,598         SUPERVISION, INSPECTION AND OVERHEAD       (6.5 %)       19,800         TOTAL REQUEST       19,800       19,800         LO. Description of Proposed Construction:       A three-story facility with arctic									
9. COST ESTILIANTES         ITEM       IM       COST         ORMITORY (72 RM)       JUANTITY       15,422         DORMITORY       SM       2,520       6,000       (15,120         ANTITERRORISM FORCE PROTECTION       SM       2,520       120       (302         SUPPORTING FACILITIES       IS       (950       2,290         UTILITIES       IS       (950       (350)         SITE IMPROVEMENTS       IS       (17,702)       (350)         COMMUNICATIONS       IS       (17,702)       (17,712)         SUBTOTAL       IS       (17,712)       18,598         SUPERVISION, INSPECTION AND OVERHEAD       (6.5 %)       (19,807)       19,807         TOTAL REQUEST       IN       In       19,807         IOTAL REQUEST (ROUNDED)       IN three-story facility with arctic       19,800									
ITEMU/MUNITCOSTDORMITORY (72 RM)SM2,5206,000(15,120ANTITERRORISM FORCE PROTECTIONSM2,520120(302SUPPORTING FACILITIESIS2,520120(302UTILITIESIS(350)(350)SITE IMPROVEMENTSIS(350)COMMUNICATIONSIS(15,120)ROADWORK, WALKWAYS, PARKINGIS(15,120)SUBTOTALIS(17,712)CONTINGENCY(5.0 %)15(17,712)CONTINGENCY(5.0 %)18,59812,209TOTAL REQUEST(6.5 %)19,80719,807TOTAL REQUEST (ROUNDED)IsIs19,807L0. Description of Proposed Construction:A three-story facility with arctic									
DORMITORY (72 RM)Image: state									
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SITE IMPROVEMENTSLS( 950SITE IMPROVEMENTSLS( 350COMMUNICATIONSLS( 240ROADWORK, WALKWAYS, PARKINGLS( 750SUBTOTAL17,712CONTINGENCY ( 5.0 %)886TOTAL CONTRACT COST18,598SUPERVISION, INSPECTION AND OVERHEAD ( 6.5 %)1,209TOTAL REQUEST19,807TOTAL REQUEST (ROUNDED)19,800LO. Description of Proposed Construction: A three-story facility with arctic									
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ROADWORK, WALKWAYS, PARKINGLS( 750SUBTOTAL17,712CONTINGENCY ( 5.0 %)886TOTAL CONTRACT COST18,598SUPERVISION, INSPECTION AND OVERHEAD ( 6.5 %)1,209TOTAL REQUEST19,807TOTAL REQUEST (ROUNDED)19,800LO. Description of Proposed Construction: A three-story facility with arctic									
SUBTOTAL       17,712         CONTINGENCY (5.0 %)       886         TOTAL CONTRACT COST       18,598         SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)       1,209         TOTAL REQUEST       19,807         TOTAL REQUEST (ROUNDED)       19,800         L0. Description of Proposed Construction: A three-story facility with arctic									
CONTINGENCY       (5.0 %)       17,712         CONTINGENCY       (5.0 %)       886         TOTAL CONTRACT COST       18,598         SUPERVISION, INSPECTION AND OVERHEAD       (6.5 %)       1,209         TOTAL REQUEST       19,807         TOTAL REQUEST (ROUNDED)       19,800         L0. Description of Proposed Construction: A three-story facility with arctic									
CONTINGENCI       (5.0 %)       886         TOTAL CONTRACT COST       18,598         SUPERVISION, INSPECTION AND OVERHEAD       (6.5 %)       1,209         TOTAL REQUEST       19,807         TOTAL REQUEST (ROUNDED)       19,800         L0. Description of Proposed Construction: A three-story facility with arctic									
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)       18,336         TOTAL REQUEST       19,807         TOTAL REQUEST (ROUNDED)       19,800         L0. Description of Proposed Construction: A three-story facility with arctic									
TOTAL REQUEST     19,807       LO. Description of Proposed Construction: A three-story facility with arctic									
TOTAL REQUEST (ROUNDED) 19,800 L0. Description of Proposed Construction: A three-story facility with arctic									
LO. Description of Proposed Construction: A three-story facility with arctic									
roof. Includes four-bedroom modules, with individual bathroom and walk-in closets, and a shared social space/kitchen, utilities, pavements and all other support. Comply with DoD force protection requirements per unified Facilities Criteria.									
Air Conditioning: 1501ons Grade Mix: £5-£9 /2									
11. REQUIREMENT: 176 RM ADEQUATE: 104 RM SUBSTANDARD: 0 RM									
PROJECT: Construct a Dormitory (72 RM). (Current Mission)									
<b>REQUIREMENT:</b> A major Air Force objective is to provide unaccompanied enlisted personne									
Properly designed and furnished guarters providing some degree of individual privacy ar									
assential to the successful accomplishment of the increasingly complicated and essentia jobs these people perform at this remote arctic location. This project is in accordance with the Air Forge Dormitory Master Plan									
CURRENT SITUATION: As verified by the Air Force Dormitory Master Plan, the base bas									
insufficient facilities to adequately accommodate unaccompanied enlisted personnel									
assigned to Thule AR, Greenland. Thule is a remote site located in an extreme arctic environment.									
IMPACT IF NOT PROVIDED: Adequate living quarters, which provide a level of privacy									
required for today's airmen, will not be available, resulting in degradation of morale, productivity and career satisfaction for unaccompanied enlisted personnel.									
ADDITIONAL: This project meets the scope/criteria specified in the new uniform barrack construction standard, OSD. All known alternatives were considered during the									
development of this project. No other option could meet mission requirements.									
development of this project. No other option could meet mission requirements. Therefore, no economic analysis was needed or performed. FY02 Unaccompanied Housing RP									
development of this project. No other option could meet mission requirements. Therefore, no economic analysis was needed or performed. FY02 Unaccompanied Housing RP DD FORM 1391, DEC 99 Previous editions re obsolete. Page No.									

L. COMPONENT		FY 2005 M	ILITARY	CONSTR	UCTION PROJECT	DATA	2. <b>DATE</b>		
AIR FORCE		(computer generated)							
3. INSTALLATIO	N AND L	OCATION			4. PROJECT TI	TLE			
THULE AIR BASE	, GREEN	RM)							
5. PROGRAM ELE	MENT	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
35996		721-31	2	WW	CX043001	19.8	00		

onducted: \$1.0M; FY03 Unaccompanied Housing RPM conducted: \$1.0M. Future Unaccompaniec ousing RPM requirements (estimated): FY04 \$1.2M; FY05: \$1.3M; FY06 \$1.5M. Base Civil ngineer : Lt Col David B. McCormick, (719) 556-7631. Dormitory: 2,520 SM = 27,115 SF. OREIGN CURRENCY : FCF Budget Rate Used: KRONE 7.7996

<u>OINT USE CERTIFICATION:</u> This project can be used by other components on an "as vailable" basis; however, the scope of the project is based on Air Force requirements.

t							
1. COMPONENT		FY 2005 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE	
AIR FORCE		(compute	er gene:	rated)		ļ	
3. INSTALLATIO	ON AND I	OCATION		4. PROJECT 1	TITLE		
THULE AIR BAS	E, GREEN	LAND		DORMITORY (7	72 RM)		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
35996		721-312	WW	CX043001	19,	800	
12. SUPPLEMEN	TAL DATA	:					
a. Estimate	d Design	Data:					
(1) Statu	s:						
(a) Da	ate Desig	gn Started			08	-APR-03	
(b) Pa	rametric	Cost Estimates used	to dev	elop costs		YES	
• (c) Pe	ercent Co	omplete as of 01 JAN	2004			15%	
* (d) Da	ate 35% :	Designed			15	-SEP-03	
(e) Da	ate Desig	gn Complete			20	-SEP-04	
(f) En	ergy Stu	dy/Life-Cycle analys	is was/	will be perfo	ormed	YES	
(2) Basis	:						
(a) S	tandard	or Definitive Design	-			NO	
(b) Wh	ere Desi	gn Was Most Recently	Used -	•			
(3) Tota	l Cost (	c) = (a) t (b) or (d)	)t(e):			(\$000)	
(a) P	roduction	n of Plans and Speci:	fication	ns		792	
(b) Al	l Other	- Design Costs				495	
(C) TC	tal	5				1,287	
( <b>d</b> ) Co	ntract					1,089	
(e) I:	n-house					198	
(4) Const	ruction	Contract Award				05 FEB	
(5) Const	truction	Start				05 MAY	
(6) Cons	truction	Completion				06 <b>SEP</b>	
* Indicat which i cost ar	ces compi ls compar nd execut	letion of Project De rable to traditional tability.	Einition 35% des	with Paramet sign to ensure	tric Cost Estin e valid <b>scope</b> ,	nate	
b. Equipmen N/A	t associ	ated with this proje	ct prov	vided from oth	her appropriati	.ons:	
		•					
		•					

1. COMPONENT		F١	2005 ⁄	MILITAI	RY CONS	STRUCTI	ON PRO	GRAM	2. DATE		
		4 001									
								COST INDEX	121		
						RCES					
Borconnol							<u></u>				
trenath			CIV	OFF	ENI	CIV	OFF		CIV	τοται	
	221	2 002	734	011		010	161	866	832	4 816	
ND FY 2008	219	1 977	587	0	0	0	161	866	832	4.642	
INVENTORY DATA (\$000)											
. INVENTORT DATA (\$000) otal Acreage: 11.050											
ventory Total as	ventory Total as of : (30 Sep 03) 4 160 17%										
uthorization Not Y	et in Inve	entory:								61,600	
uthorization Requ	ested in	this Progra	am:							19,593	
uthorization Includ	led in the	e Following	Progra	am:	(FY 2006)	)				0	
'lanned in Next Th	hree Year	s Program	:							<b>45,50</b> 0	
lemaining Deficier	ncy:								-	<b>102,41</b> 0	
Frand Total:										4,389,279	
. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2005)											
ATEGORY								COST	DESIGN	STATUS	
<u>;ODE</u>	PROJEC	<u>T TITLE</u>			_	<u>SCOPE</u>		<u>\$\$,000A</u> R	<u>T C</u>	<u>MPL</u>	
42-758	Construc	t War Res	erve M	at'l Stor	age Fac	9,894	SM	19,593	Apr-03	Jul-04	
- Eutone Desirat		al la des E				(EV2		19,593			
a. Future Projects	s: include Nono	ed in the F	ollowin	g Progr	am:	(Г12	000)				
	NONE										
b. Future Projects	s: Typical	Planned	Next T	hree Ye	ars:						
11-111	Repair A	EF FOL S	outh Ru	unway, I	Ph 1 of 2	162,600	SM	20,000			
22-258	Const AEF FOL Munitions Igloos, Ph 1 of 3 3,567 SM 14,400										
42-758	2-758 Air Freiaht Terminal 2,323 SM 8,700										
30-84 1 Replace MWD Facility 380 SM 2,400											
		<u> </u>					lotal	45,500		125	
C. Real Property I	Maintenar	nce Backlo	g This	Installat	ion (\$M)					125	
0. Mission or Ma	jor Functi	ons: The h	nost air	base w	ing suppo	rts C-135	B/C airc	raft and hosts I	leadquart	ers, Pacific	
AF Forces. The ins		also hosts	an Air	Nationa	Guard wi	ng consis	sting of a	in F-15AVB squa	adron, an	air refuelin y	
quadron (KC-135), and an airlift squadron (C-130H). Other major activities include an Air Intelligence Agency											
neingence group	and an A	II WODIIILY	Suppor	t group.							
1 Outstanding p	ollution a	nd Safety	(OSHA	Deficie	ncies:						
a Air pollution		Caloty	1001//	201010				0			
								Ũ			
b Water Pollution 0											
c. Occupational Safety and Health 0											
d. Other Environmental											

)D Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE		2. DATE								
3. INSTALLATION AND LOCATION					4. PROJECT TITLE					
ANDERSEN AIR FORCE BASE, GUAM					WAR RESERVE MATERIALS STORAGE					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJ				JECT 1	NUMBER	8. PROJECT COST (\$000)				
28031 442-758 AJ					110	19,593				
		9. COS	T ESTIM	IATES						
		7.0534		<b>x</b> 7 / <b>x</b>	01133007.001	UNIT	COST			
ITEM					QUANTITY					
WAR RESERVE MA	TERIEL S	TORAGE					15,239			
WAR RESERVE M	ATERIAL	STORAGE		SM	9,894	1,520	(15,039)			
ANTITERRORISM	FORCE	PROTECTION		SM	9,894	20	(200)			
SUPPORTING FAC	ILITIES			тт			2,275			
UTILITIES				LS			(450)			
SITE IMPROVEM	ENTS			LS			(600)			
COMMUNICATION	S			LS			( 100)			
CONTAMINATED	SOIL RE	MEDIATION		LS			(200)			
PAVEMENTS/ROA	DWAY			LS			( 470)			
DEMOLITION/AS	BESTOS 2	ABATEMENT		SM	9,102	50	(455)			
SUBTOTAL							17,514			
CONTINGENCY	<b>(</b> 5.0	<b>%</b> )					876			
TOTAL CONTRACT	l cost					18,390				
SUPERVISION, I	NSPECTIO	ON AND OVERHEAD (	6.5 <b>%)</b>				1,195			
TOTAL REQUEST							19,505			
TOTAL REQUEST	(ROUNDED	)					19,593			
1.0. Description of Proposed Construction: Reinforced concrete foundation, floor slabs, columns, CMU walls, built-up roof system, de-humidifier, ventilators, vehicle exhaust system, fire detection and protection systems. Include6 vehicle/equip storage, offices, toilets, equip room, battery storage, pavement/roadway, fencing, comm, all support utilities, soil remediation and demolish two bldgs. Design to Seismic Zone 4 and 170MPH Typhoon winds.										
111. REQUIREMENT	: 12,2	17 SM ADEQUAT	E: 2,323	SM	SUBSTA	NDARD: 3,956	5 SM			
<u>FROJECT:</u> Cons Mission)	truct a	consolidated warre	eserve m	ateri	el (WRM) ;	storage faci	lity. (Current			
for the protection of prepositioned WRM vehicles/AGE/material handling equipment, bare base and medical assets to support strategic airlift and Air Expeditionary Forces Forward Operating Location contingency/OPLAN missions at this strategic overseas base. Antiterrorism force protection feature6 will be in accordance with the local threat assessment. <u>CURRENT SITUATION:</u> There are no WRM storage facilities to properly protect vehicles, AGE, and aircraft material handling equipment from the corrosive tropical environment. WRM assets are stored in aircraft hangars needed for aircraft during exercise6 and contingencies, and in supply and munitions warehouses; over 25 percent of the asset6 can not be protected and must be stored outside exposed to harsh weather and typhoons. WRM management, accountability and mission support are hindered due to having to frequently move WRM in, out and between many facilities. Equipment shows evidence of deterioration from the corrosive climate within weeks of arrival and rapidly deteriorates, drastically										

Page No.

1. COMPONENT	PY 2005 MILITARY CONSTRUCTION PROJECT DATA							2. DATE	
AIR FORCE	(computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
ANDERSEN AIR FORCE BASE, GUAM WAR RESERVE MATERIALS STORAGE								AGE	
5. PROGRAM ELE	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000				ST (\$000)				
28031 442-750			AJJY963110			19,593			

shortening its service life, when stored outdoors.

<u>IMPACT IF NOT PROVIDED:</u> Lack of adequate storage facilities will continue to cause prepositioned WRM assets, essential for timely response to contingency/OPLAN operations, to rapidly deteriorate in the corrosive tropical environment and place the mission at risk.

<u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1,084, \*Facility Requirments." A preliminary analysis of options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Project demolishes two buildings. BASE CIVIL ENGINEER: Lt Col Arnold, 671-166-7101. WRM Storage Facility: 9,094 SM = 106,459 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.