ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1					1. 04	AIE (YYYYMMDD)		1 Approv 3 No. 070		88	
The public reporting burden for this collection of information is estimated to average 2 hours per re existing data sources, gathering and maintaining the data needed, and completing and reviewing burden estimate or any other aspect of this collection of information, including suggestions for Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jeff Respondents should be aware that notwithstanding any other provision of law, no person shall be information if it does not display a currently valid OMB control number.				g the collect reducing to ferson Dav	ction of information. he burden, to Dep is Highway, Suite 1	Send co artment of 204, Arling	mments regarding the Defense, Washingt Ston, VA 22202-430	his on 2.	ROCUR CTIVITY		
PLEASE DO NOT RETURN	N YOUR COMPLETE	3 control number. ED FORM TO THIS ADDRESS ROCURING ACTIVITY NUMBER I				THE GO	VERNMENT ISSUIN	3. D	ODAAC		
4. ORIGINATOR		b. ADDRESS (Street, C	ity, State, Z	Zip Code)		5. C	LASS OF ECP				
a. TYPED NAME (First, M Last)	iddle Initial,										
Lasty						6. JI	JST. CODE	7. P	RIORITY	1	
8. ECP DESIGNATION	١	•				9. B	ASELINE AFFE	CTED			
a. MODEL/TYPE	b. CAGE CODE	c. SYSTEM DESIGNAT	ION				FUNCTIONAL PRODUCT ALLOCATED				
d. ECP NO.			e. T	YPE	f. REV	10. C	THER SYS./CO	ONFIG. I	TEMS A	FFEC	TED
11. SPECIFICATIONS	AFFECTED		<u> </u>		12. DRAWIN	IGS AF	ECTED	i			
	CAGE Code	Specification/Document No	. Rev.	SCN	CAGE Code		Numbe	er		Rev.	NOR
a. SYSTEM											
b. DEVELOPMENT											
c. PRODUCT											
13. TITLE OF CHANG	iΕ										
14. CONTRACT NO. A	AND LINE ITEM		15.	PROCU	RING CONTR	ACTING	OFFICER				
			a. N	AME (Firs	t, Middle Initial, L	.ast)					
			b. C	ODE			c. TELEPHONE	NO.			
16. CONFIGURATION	ITEM NOMENC	CLATURE						17. II	YES		I ON NO
18. ALL LOWER LEV	EL ITEMS AFFE	CTED									
a. NOMENCLATURE				b. PART NO. c. NSN							
19. DESCRIPTION OF	CHANGE			1							
20. NEED FOR CHAN	GE										
21. PRODUCTION EF	FECTIVITY BY S	SERIAL NUMBER		22. EFFECT ON PRODUCTION DELIVERY SCHEDULE							
23. RETROFIT											
a. RECOMMENDED ITEM EFFECTIVITY				b. SHIP/VEHICLE CLASS AFFECTED							
c. ESTIMATED KIT DELIVERY SCHEDULE				d. LOCATIONS OR SHIP/VEHICLE NUMBERS AFFECTED							
24. ESTIMATED COSTS/SAVINGS UNDER CONTRACT				25. ESTIMATED NET TOTAL COSTS/SAVINGS							
OC CURNITTING ACT											
26. SUBMITTING ACTIVITY b. TITLE											
a. AUTHORIZED SIGNATURE 27. APPROVAL/DISAPPROVAL											
a. CLASS I b. CLASS II c. CLASS II											
APPROVAL RECOMMENDED APPROVED [APPROVED CONCUR IN CLASSIFI- CATION OF CHANGE FICATION OF CHAI				NGE			
d. GOVERNMENT ACTIVITY e. SIG				f. DATE SIGNED (YYY)					ED (YYY)	YMMD	D)
g. APPROVAL APPROVED	h. GOVERNMEN	T ACTIVITY	i. SIGNA	TURE			j. D.	ATE SIGN	IED (YYY	YMMD)D)
DISABBBOVED	1										

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GOVERNMENT ISSUING CONTRACTING OFFICE FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THE COMPLETED DD FORM 1692.								
EFFECTS ON FUNCTIONAL/ALLOCATED CONFIGURATION DOCUMENTATION								
28. OTHER SYSTEM AFFECTED	29. OTHER CONTRACTORS/ACTIVITIES AFFECTED							
AS CONFIGURATION ITEMS AFFECTED								
30. CONFIGURATION ITEMS AFFECTED								
31. EFFECTS ON PERFORMANCE ALLOCATIONS AND INTERFACES IN SYSTEM	SPECIFICATION							
32. EFFECTS ON EMPLOYMENT, INTEGRATED LOGISTICS SUPPORT, TRAINING	a, OPERATIONAL EFFECTIVENESS OR SOFTWARE							
33. EFFECTS ON CONFIGURATION ITEM SPECIFICATIONS								
34. DEVELOPMENTAL REQUIREMENTS AND STATUS								
35. TRADE-OFFS AND ALTERNATIVE SOLUTIONS								
33. TRADE-OFFS AND ALTERNATIVE SOLUTIONS								
36. DATE BY WHICH CONTRACTUAL AUTHORITY IS NEEDED (YYYYMMDD)								

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GOV	SE <u>DO NOT</u> RETURN YOUR COMPLETED ERNMENT ISSUING CONTRACTING OFFICE EM 2 OF THE COMPLETED DD FORM 1692.							IMBER		
	EFFECTS ON PRODUCT CONFIGURATION DOCUMENTATION, LOGISTICS AND OPERATIONS									
(X)	FACTOR	EN	ICL.	PAR.	(X)	FACT	OR		ENCL.	PAR.
	37. EFFECT ON PRODUCT CONFIGURATION DOCUMENTATION OR CONTRACT					39. EFFECT ON OPERATIONAL EMPLOYMENT	AL			
	a. PERFORMANCE					a. SAFETY				
	b. WEIGHT-BALANCE-STABILITY (Aircraft)					b. SURVIVABILITY				
	c. WEIGHT-MOMENT (Other equipment)					c. RELIABILITY				
	d. CDRL, TECHNICAL DATA					d. MAINTAINABILITY				
	e. NOMENCLATURE					e. SERVICE LIFE				
						f. OPERATING PROCEDU	RES			
	38. EFFECT ON INTEGRATED LOGISTICS SUPPORT (ILS) ELEMENTS					g. ELECTROMAGNETIC II h. ACTIVATION SCHEDUL		ENCE		
	a. ILS PLANS				i. CRITICAL SINGLE POINT FAILURE			=		
	b. MAINTENANCE CONCEPT, PLANS AND	1				ITEMS	TTALLOTTE	-		
	PROCEDURES					j. INTEROPERABILITY				
	c. LOGISTICS SUPPORT ANALYSES									
	d. INTERIM SUPPORT PROGRAMS									
	e. SPARES AND REPAIR PARTS					40. OTHER CONSIDERATION	s			
	f. TECH MANUALS/PROGRAMMING TAPE	S				a. INTERFACE				
	g. FACILITIES					b. OTHER AFFECTED EQ	UIPMENT/	GFE/GFP		
	h. SUPPORT EQUIPMENT					c. PHYSICAL CONSTRAIN	ITS			
	i. OPERATOR TRAINING					d. COMPUTER PROGRAM	IS AND			
	j. OPERATOR TRAINING EQUIPMENT					RESOURCES				
	k. MAINTENANCE TRAINING					e. REWORK OF OTHER E	QUIPMEN	Т		
	I. MAINTENANCE TRAINING EQUIPMENT					f. SYSTEM TEST PROCEI	DURES			
	m. CONTRACT MAINTENANCE					g. WARRANTY/GUARANT	EE			
	n. PACKAGING, HANDLING, STORAGE,					h. PARTS CONTROL				
	TRANSPORTABILITY					i. LIFE CYCLE COSTS				
41. A	41. ALTERNATE SOLUTIONS									
42. DI	42. DEVELOPMENTAL STATUS									
43. R	43. RECOMMENDATIONS FOR RETROFIT									
44. WORK-HOURS PER UNIT TO INSTALL RETROFIT KITS 45. WORK-HOURS TO CONDUCT SYSTEM TESTS AFTER RETROFIT										
a. Of	a. ORGANIZATION b. INTERMEDIATE c. DEPOT d. OTHER									
46. THIS CHANGE MUST BE ACCOMPLISHED				47. IS CONTRACTOR FIELD SERVICE ENGINEERING REQUIRED? 48. OUT OF SERVICE TIME						
BEFORE WITH AFTER THE FOLLOWING CHANGES YES NO										
49. EFFECT OF THIS ECP AND PREVIOUSLY APPROVED ECP'S ON					50. DATE CONTRACTUAL AUTHORITY NEEDED FOR (YYYYMMDD)					
ITEM a.					a. PRODUCTION					
					b. RE	ETROFIT				

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51. ESTIMATED NET TOTAL COST IMPACT (Use)	parentheses for					1		
COST / SAVINGS UNDER CONTRACT								
FACTOR	Non-			ING		Other Costs/ Savings to the		
	Recurring (a)	Unit (b)	Quantity (c)	Total (Recurring) (d)	Total (e)	Government (f)		
a. PRODUCTION COSTS / SAVINGS								
(1) CONFIGURATION ITEM / CSCI								
(2) FACTORY TEST EQUIPMENT								
(3) SPECIAL FACTORY TOOLING								
(4) SCRAP								
(5) ENGINEERING, ENGINEERING DATA REVISION								
(6) REVISION OF TEST PROCEDURES								
(7) QUALIFICATION OF NEW ITEMS								
(8) SUBTOTAL OF PROD COSTS / SAVINGS								
b. RETROFIT COSTS								
(1) ENGINEERING DATA REVISION								
(2) PROTOTYPE TESTING								
(3) KIT PROOF TESTING								
(4) RETROFIT KITS FOR OPERATIONAL SYSTEMS								
(5) PREP. OF MWO/TCTO/SC/ALT/TD								
(6) SPECIAL TOOLING FOR RETROFIT								
(7) INSTALLATION - CONTRACTOR PERSONNEL								
(8) INSTALLATION - GOVERNMENT PERSONNEL								
(9) TESTING AFTER RETROFIT								
(10) MODIFICATION OF GFE/GFP								
(11) QUALIFICATION OF GFE/GFP								
(12) SUBTOTAL OF RETROFIT COSTS/SAVINGS								
c. INTEGRATED LOGISTICS SUPPORT COSTS/ SAVINGS								
(1) SPARES/REPAIR PARTS REWORK								
(2) NEW SPARES AND REPAIR PARTS								
(3) SUPPLY/PROVISIONING DATA								
(4) SUPPORT EQUIPMENT								
(5) RETROFIT KITS FOR SPARES								
(6) OPERATOR TRAINING COURSES								
(7) MAINTENANCE TRAINING COURSES								
(8) REVISION OF TECH MANUALS								
(8)a. DEFICIENCY CORRECTION @ 20 HRS. ea.								
(9) NEW TECH MANUALS								
(10) TRAINING/TRAINERS								
(11) INTERIM SUPPORT								
(12) MAINTENANCE MANPOWER								
(13) COMPUTER PROGRAMS/DOCUMENTATION								
(14) SUBTOTAL OF ILS COSTS/SAVINGS								
d. OTHER COSTS/SAVINGS								
e. SUBTOTAL COSTS/SAVINGS								
(1) SUBTOTAL UNDER CONTRACT								
f. COORDINATION OF CHANGES WITH OTHER CONTRAC	TORS							
g. COORDINATION CHANGES BY GOVERNMENT								
h. ESTIMATED NET TOTAL COSTS/SAVINGS								

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52. ESTIMATED COSTS/SAVINGS SUMMARY,	HELAILD				0 /		
		CAGE CODE	ECP NUMBER		BER	COST/SAVINGS UNDER CONTRACTS	OTHER COSTS/SAVINGS TO GOVERNMENT
		(a)		(b)		(c)	(d)
 a. PRODUCTION COSTS/SAVINGS (Subtotal of Costs/Savin Elements from Page 4, item 4.a., applicable to aircraft tank, vehicle, missile or its subsystem) 							
(1) SUBTOTAL PRODUCTION COSTS/SAVINGS							
 BETROFIT COSTS (Applicable to aircraft, ship, tank, vel missile or its subsystem) 	nicle,						
(1) SUBSTOTAL RETROFIT COSTS							
c. INTEGRATED LOGISTICS SUPPORT COSTS/SAVINGS REVISED REQUIREMENTS							
(1) ITEM RETROFIT (If not covered under "b") (Applical aircraft, ship, tank, vehicle, missile or its subsystem							
(2) ILS SUBTOTAL (Applicable to aircraft, ship, tank, ve missile or its subsystem)	hicle,						
(3) OPERATOR TRAINER (Net total cost/saving from ea covering operator trainer)	ch ECP						
(4) MAINTENANCE TRAINER (Net total cost/saving from ECP covering maintenance trainer)	each						
(5) OTHER TRAINING EQUIPMENT							
(6) SUPPORT EQUIPMENT (Net total cost/saving from e ECP on support equipment)	each						
(7) ILS PLANS							
(8) MAINTENANCE CONCEPT, PLANS, SYSTEM DOCUME	NTS						
(9) INTERIM SUPPORT PLAN							
NEW DECUMPANTS	CAGE	NON- RECURRING COSTS	RECURRING COSTS		COSTS		
NEW REQUIREMENTS	CODE		UNIT	QTY	TOTAL		
(10) PROVISIONING DOCUMENTATION							
(11) OPER TRNR/TRNG DEVICES/EQUIP							
(12) MANUALS/SPARES, REPAIR PARTS (For (11))							
(13) MAINTENANCE TRNR/TRNG DEVICES/EQUIPMENT							
(14) MANUALS/SPARES, REPAIR PARTS (For (13))							
(15) SUPPORT EQUIPMENT							
(16) MANUALS (For (15))							
(17) PROVISIONING DOCUMENTATION (For (15))							
(18) REPAIR PARTS (For 15))							
(19) SUBTOTAL ILS COSTS/SAVINGS (Sum of c(1) through c(18))							
		CAGE CODE	1	ECP NUM	BER		
d. OTHER COSTS/SAVINGS (Total from page 4, item 4.d., or related ECP's)							
(1) TOTAL OTHER COSTS/SAVINGS							
(2) SUBTOTALS OF COLUMNS							
(3) SUBTOTAL UNDER CONTRACT							
e. ESTIMATED NET TOTAL COSTS/SAVINGS (a + b + c + d)							

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The property of the property o	ECP NUMBER								
PLEA	The public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information for reducing the burden, to bepartment of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE COMPLETED DO FORM 1692.								
54. C	ONFIGURATION ITEM NOMENCLATURE		55. TITLE OF CHANGE						
	ATE AUTHORIZATION TO PROCEED CEIVED BY CONTRACTOR (YYYYMMDD)	<u>-</u> ▼	S START DELIVERY	C COMPLETE DELIVER	RY PROGRESS POINT				
	NO. OF MONTHS	1 2 3 4 5 6 7 8 9 10 11	12 13 14 15 16 17 18 19 20	21 22 23 24 25 26 27 2	28 29 30 31 32 33 34 35 36				
a.	(1) Production								
CONFIGURATION	(2) Tech Manuals								
G U R A	(3) Retrofit								
T O N	(4) MWO/TCTO/SC/ALT/TD								
I T E M	(5) Spares / Repair Parts								
IVI									
b. S	(1) Production								
SUPPORT	(2) Tech Manuals / Prog. Tapes								
	(3) Retrofit								
EQUIPMENT	(4) MWO/TCTO/SC/ALT/TD								
M E N T	(5) Repair Parts								
c. TRAINER	(1) Operator								
	(2) Maintenance								
Ř									
	NO. OF MONTHS	1 2 3 4 5 6 7 8 9 10 11	12 13 14 15 16 17 18 19 20	21 22 23 24 25 26 27 2	8 29 30 31 32 33 34 35 36				

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58. C	OMPUTER SOFTWARE ITEM NOMENCLATURE		5	9. TITLE OF CHANGE						
	PATE AUTHORIZATION TO PROCEED ECEIVED BY CONTRACTOR (YYYYMMDD)			S START DELIVERY	C COMPLETE DE					
	NO. OF MONTHS	1 2 3 4 5 6 7 8	9 10 11 12 1	3 14 15 16 17 18 19 20 2	21 22 23 24 25 26	27 28 29 30 31 32 33 34 35 36				
a. C	(1) Software Engineering									
CONFIGURAT	(2) Software Documentation									
	(3) Software Replication									
T O N	(4) Software Distribution									
I T E M										
M										
b.	(1) Software Engineering Environment Upgrade									
SUPPORT	(2) Software Test Environment Upgrade									
EQUIPMENT										
M E N										
c. TRAINER	(1) Operator									
	(2) Maintenance									
R										
	NO. OF MONTHS		9 10 11 12 1		21 22 23 24 25 26	27 28 29 30 31 32 33 34 35 36				

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