

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1					1. DATE (YYYYMMDD)		Form Approved OMB No. 0704-0188			
<p>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, including suggestions for reducing the burden, to Department 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.</p> <p><b>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</b></p>							2. PROCURING ACTIVITY NO.		3. DODAAC	
							4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)	
a. TYPED NAME (First, Middle Initial, Last)					6. JUST. CODE		7. PRIORITY			
8. ECP DESIGNATION					9. BASELINE AFFECTED					
a. MODEL/TYPE		b. CAGE CODE	c. SYSTEM DESIGNATION			<input type="checkbox"/> FUNCTIONAL		<input type="checkbox"/> PRODUCT		
					<input type="checkbox"/> ALLOCATED					
d. ECP NO.			e. TYPE	f. REV		10. OTHER SYS/CONFIG. ITEMS AFFECTED				
						<input type="checkbox"/> YES		<input type="checkbox"/> NO		
11. SPECIFICATIONS AFFECTED					12. DRAWINGS AFFECTED					
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR		
a. SYSTEM										
b. DEVELOPMENT										
c. PRODUCT										
13. TITLE OF CHANGE										
14. CONTRACT NO. AND LINE ITEM				15. PROCURING CONTRACTING OFFICER						
				a. NAME (First, Middle Initial, Last)						
				b. CODE		c. TELEPHONE NO.				
16. CONFIGURATION ITEM NOMENCLATURE							17. IN PRODUCTION			
							<input type="checkbox"/> YES <input type="checkbox"/> NO			
18. ALL LOWER LEVEL ITEMS AFFECTED										
a. NOMENCLATURE			b. PART NO.		c. NSN					
19. DESCRIPTION OF CHANGE										
20. NEED FOR CHANGE										
21. PRODUCTION EFFECTIVITY BY 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					
26. SUBMITTING ACTIVITY					b. TITLE					
a. AUTHORIZED SIGNATURE										
27. APPROVAL/DISAPPROVAL										
a. CLASS I			b. CLASS II			c. CLASS II				
<input type="checkbox"/> APPROVAL RECOMMENDED	<input type="checkbox"/> DISAPPROVAL RECOMMENDED		<input type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED		<input type="checkbox"/> CONCUR IN CLASSIFICATION OF CHANGE		<input type="checkbox"/> DO NOT CONCUR IN CLASSIFICATION OF CHANGE		
d. GOVERNMENT ACTIVITY				e. SIGNATURE			f. DATE SIGNED (YYYYMMDD)			
g. APPROVAL	h. GOVERNMENT ACTIVITY			i. SIGNATURE			j. DATE SIGNED (YYYYMMDD)			
<input type="checkbox"/> APPROVED										
<input type="checkbox"/> DISAPPROVED										

<b>ENGINEERING CHANGE PROPOSAL (ECP), PAGE 2</b>		<i>Form Approved</i> <i>OMB No. 0704-0188</i>
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<b>EFFECTS ON FUNCTIONAL/ALLOCATED CONFIGURATION DOCUMENTATION</b>		
28. OTHER SYSTEM AFFECTED	29. OTHER CONTRACTORS/ACTIVITIES AFFECTED	
30. CONFIGURATION ITEMS AFFECTED		
31. EFFECTS ON PERFORMANCE ALLOCATIONS AND INTERFACES IN SYSTEM SPECIFICATION		
32. EFFECTS ON EMPLOYMENT, INTEGRATED LOGISTICS SUPPORT, TRAINING, OPERATIONAL EFFECTIVENESS OR SOFTWARE		
33. EFFECTS ON CONFIGURATION ITEM SPECIFICATIONS		
34. DEVELOPMENTAL REQUIREMENTS AND STATUS		
35. TRADE-OFFS AND ALTERNATIVE SOLUTIONS		
36. DATE BY WHICH CONTRACTUAL AUTHORITY IS NEEDED (YYYYMMDD)		

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 3					Form Approved OMB No. 0704-0188						
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EFFECTS ON PRODUCT CONFIGURATION DOCUMENTATION, LOGISTICS AND OPERATIONS											
(X)	FACTOR			ENCL.	PAR.	(X)	FACTOR		ENCL.	PAR.	
	37. EFFECT ON PRODUCT CONFIGURATION DOCUMENTATION OR CONTRACT						39. EFFECT ON OPERATIONAL EMPLOYMENT				
	a. PERFORMANCE						a. SAFETY				
	b. WEIGHT-BALANCE-STABILITY ( <i>Aircraft</i> )						b. SURVIVABILITY				
	c. WEIGHT-MOMENT ( <i>Other equipment</i> )						c. RELIABILITY				
	d. CDRL, TECHNICAL DATA						d. MAINTAINABILITY				
	e. NOMENCLATURE						e. SERVICE LIFE				
							f. OPERATING PROCEDURES				
	38. EFFECT ON INTEGRATED LOGISTICS SUPPORT (ILS) ELEMENTS						g. ELECTROMAGNETIC INTERFERENCE				
	a. ILS PLANS						h. ACTIVATION SCHEDULE				
	b. MAINTENANCE CONCEPT, PLANS AND PROCEDURES						i. CRITICAL SINGLE POINT FAILURE ITEMS				
	c. LOGISTICS SUPPORT ANALYSES						j. INTEROPERABILITY				
	d. INTERIM SUPPORT PROGRAMS										
	e. SPARES AND REPAIR PARTS						40. OTHER CONSIDERATIONS				
	f. TECH MANUALS/PROGRAMMING TAPES						a. INTERFACE				
	g. FACILITIES						b. OTHER AFFECTED EQUIPMENT/GFE/GFP				
	h. SUPPORT EQUIPMENT						c. PHYSICAL CONSTRAINTS				
	i. OPERATOR TRAINING						d. COMPUTER PROGRAMS AND RESOURCES				
	j. OPERATOR TRAINING EQUIPMENT						e. REWORK OF OTHER EQUIPMENT				
	k. MAINTENANCE TRAINING						f. SYSTEM TEST PROCEDURES				
	l. MAINTENANCE TRAINING EQUIPMENT						g. WARRANTY/GUARANTEE				
	m. CONTRACT MAINTENANCE						h. PARTS CONTROL				
	n. PACKAGING, HANDLING, STORAGE, TRANSPORTABILITY						i. LIFE CYCLE COSTS				
41. ALTERNATE SOLUTIONS											
42. DEVELOPMENTAL STATUS											
43. RECOMMENDATIONS FOR RETROFIT											
44. WORK-HOURS PER UNIT TO INSTALL RETROFIT KITS					45. WORK-HOURS TO CONDUCT SYSTEM TESTS AFTER RETROFIT						
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			
<input type="checkbox"/> BEFORE		<input type="checkbox"/> WITH		<input type="checkbox"/> AFTER THE FOLLOWING CHANGES			<input type="checkbox"/> YES		<input type="checkbox"/> NO		
49. EFFECT OF THIS ECP AND PREVIOUSLY APPROVED ECP'S ON ITEM					50. DATE CONTRACTUAL AUTHORITY NEEDED FOR (YYYYMMDD)						
					a. PRODUCTION						
					b. RETROFIT						

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 4					Form Approved OMB No. 0704-0188	
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<b>51. ESTIMATED NET TOTAL COST IMPACT</b> (Use parentheses for savings)						
FACTOR	COST / SAVINGS UNDER CONTRACT				Total (e)	Other Costs/ Savings to the Government (f)
	Non- Recurring (a)	Unit (b)	Quantity (c)	Total (Recurring) (d)		
<b>a. PRODUCTION COSTS / SAVINGS</b>						
(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						
<b>(8) SUBTOTAL OF PROD COSTS / SAVINGS</b>						
<b>b. RETROFIT COSTS</b>						
(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						
<b>(12) SUBTOTAL OF RETROFIT COSTS/SAVINGS</b>						
<b>c. INTEGRATED LOGISTICS SUPPORT COSTS/ SAVINGS</b>						
(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						
<b>(14) SUBTOTAL OF ILS COSTS/SAVINGS</b>						
<b>d. OTHER COSTS/SAVINGS</b>						
<b>e. SUBTOTAL COSTS/SAVINGS</b>						
<b>(1) SUBTOTAL UNDER CONTRACT</b>						
<b>f. COORDINATION OF CHANGES WITH OTHER CONTRACTORS</b>						
<b>g. COORDINATION CHANGES BY GOVERNMENT</b>						
<b>h. ESTIMATED NET TOTAL COSTS/SAVINGS</b>						

**ENGINEERING CHANGE PROPOSAL (ECP), PAGE 5**FORM APPROVED  
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**ECP NUMBER****52. ESTIMATED COSTS/SAVINGS SUMMARY, RELATED ECP'S (Use parentheses for savings)**

	CAGE CODE	ECP NUMBER	COST/SAVINGS UNDER CONTRACTS			OTHER COSTS/SAVINGS TO GOVERNMENT
	(a)	(b)	(c)			
a. PRODUCTION COSTS/SAVINGS (Subtotal of Costs/Savings Elements from Page 4, item 4.a., applicable to aircraft, ship, tank, vehicle, missile or its subsystem)						
<b>(1) SUBTOTAL PRODUCTION COSTS/SAVINGS</b>						
b. RETROFIT COSTS (Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)						
<b>(1) SUBTOTAL RETROFIT COSTS</b>						
c. INTEGRATED LOGISTICS SUPPORT COSTS/SAVINGS REVISED REQUIREMENTS						
(1) ITEM RETROFIT (If not covered under "b") (Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)						
(2) ILS SUBTOTAL (Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)						
(3) OPERATOR TRAINER (Net total cost/saving from each ECP covering operator trainer)						
(4) MAINTENANCE TRAINER (Net total cost/saving from each ECP covering maintenance trainer)						
(5) OTHER TRAINING EQUIPMENT						
(6) SUPPORT EQUIPMENT (Net total cost/saving from each ECP on support equipment)						
(7) ILS PLANS						
(8) MAINTENANCE CONCEPT, PLANS, SYSTEM DOCUMENTS						
(9) INTERIM SUPPORT PLAN						
<b>NEW REQUIREMENTS</b>	<b>CAGE CODE</b>	<b>NON-RECURRING COSTS</b>	<b>RECURRING COSTS</b>			
			<b>UNIT</b>	<b>QTY</b>	<b>TOTAL</b>	
(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))						
<b>(19) SUBTOTAL ILS COSTS/SAVINGS</b> (Sum of c(1) through c(18))						
d. OTHER COSTS/SAVINGS (Total from page 4, item 4.d., or related ECP's)	CAGE CODE	ECP NUMBER				
<b>(1) TOTAL OTHER COSTS/SAVINGS</b>						
<b>(2) SUBTOTALS OF COLUMNS</b>						
<b>(3) SUBTOTAL UNDER CONTRACT</b>						
e. ESTIMATED NET TOTAL COSTS/SAVINGS (a + b + c + d)						

**ENGINEERING CHANGE PROPOSAL (ECP) (HARDWARE), PAGE 6**

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53. CAGE CODE

54. CONFIGURATION ITEM NOMENCLATURE												55. TITLE OF CHANGE																																			
56. DATE AUTHORIZATION TO PROCEED RECEIVED BY CONTRACTOR (YYYYMMDD)												<input type="checkbox"/> S START DELIVERY												<input type="checkbox"/> C COMPLETE DELIVERY												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	28	29	30	31	32	33	34	35	36
CONFIGURATION ITEM	a.	(1) Production																																													
	(2) Tech Manuals																																														
	(3) Retrofit																																														
	(4) MWO / TCTO / SC / ALT / TD																																														
	(5) Spares / Repair Parts																																														
SUPPORTIVE INFORMATION	b.	(1) Production																																													
	(2) Tech Manuals / Prog. Tapes																																														
	(3) Retrofit																																														
	(4) MWO / TCTO / SC / ALT / TD																																														
	(5) Repair Parts																																														
TRAINING	c.	(1) Operator																																													
	(2) Maintenance																																														
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	28	29	30	31	32	33	34	35	36

<b>ENGINEERING CHANGE PROPOSAL (ECP) (SOFTWARE), PAGE 7</b>		<i>Form Approved OMB No. 0704-0188</i>																																						
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<b>58. COMPUTER SOFTWARE ITEM NOMENCLATURE</b>		<b>59. TITLE OF CHANGE</b>																																						
<b>60. DATE AUTHORIZATION TO PROCEED RECEIVED BY CONTRACTOR (YYYYMMDD)</b>																																								
		<span style="border: 1px solid black; padding: 2px;">S</span> START DELIVERY <span style="border: 1px solid black; padding: 2px;">C</span> COMPLETE DELIVERY                       PROGRESS POINT																																						
<b>NO. OF MONTHS</b>																																								
a. CONFIRMATION ITEM	(1) Software Engineering	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	28	29	30	31	32	33	34	35	36			
	(2) Software Documentation																																							
	(3) Software Replication																																							
	(4) Software Distribution																																							
b. SUPPORT INFORMATION	(1) Software Engineering Environment Upgrade																																							
	(2) Software Test Environment Upgrade																																							
c. TRAINING	(1) Operator																																							
	(2) Maintenance																																							
<b>NO. OF MONTHS</b>		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	28	29	30	31	32	33	34	35	36			