DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

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1500
Ser N789H5/3U635788
18 Feb 03

From: Chief of Naval Operations (N789H)

Subj: FINAL REPORT FOR THE AC "A" / ATC / ET UNIQUE HUMAN PERFORMANCE REQUIREMENTS REVIEW (HPRR)

Ref: (a) CNO Washington DC 291755Z Apr 02

Encl: (1) HPRR Package

1. As directed by reference (a), subject HPRR convened on 17 June through 21 June 2002 onboard NATTC Pensacola, FL., chaired by CNO representatives AVCM F. Kadi (N789H5) and ACCM R. Roat (N785F2). Participants and issues are listed in enclosure (1). Additionally, OPNAV (Aviation) Training Management Systems (OATMS) database corrections were completed during this review.

2. Upon receipt of this letter, and within 30 days, commands assigned action items will provide a Plan of Action and Milestones (POA&M) to CNATT(N5)with a copy to CNO(N789H5) and (NOOT3).

3. An official electronic copy of the AC/ATC/ET Unique Human Performance Requirements Review (HPRR) can be downloaded from OPNAV Aviation Technical Training website at http://www.avtechtra.navy.mil.

4. Request widest distribution to appropriate commands. OPNAV point of contact is AVCM F. Kadi, N789H5, commercial (703)604-7722, E-mail: frank.kadi@navy.mil.

T. L. MERRITT
Captain, U.S. Navy
Head, Aviation Technical
Training Section

Copy to:
CNAL (N37, N372, N373)
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EPMAC (EP404)
NAVAIR (AIR 4.5.8.1, AIR 4.5.9.2, 3.1.4B, PMA205, PMA213, 4.5.9.2F)
NAVMAC (10)
H&HS MCAS NEW RIVER
3MAW (G-6)
4th MAW

Subj: FINAL REPORT FOR THE AC "A" / ATC / ET UNIQUE HUMAN PERFORMANCE REQUIREMENTS REVIEW (HPRR)

ATCSCC / USNOF
MACS-1 (REIU) ATC DET A, DET C
MACS-1 ATC DET C YUMA
MACS-2 DET A
MACS-24 (ATC DET A)
MACS-4
MACS-4 DET A
MACS-2 (S-6)
MARFORLANT
MAWTS-1
MAYPORT (AIROPS/GEMD)
MCABE ATC QA, G3
MCABWA
MCAF QUANTICO (032)
MCAS FUTENMA
MCAS MIRAMAR
MCAS NEW RIVER (GEMD)
MCAS CHERRY POINT (H&HS)
MCAS BEAUFORT MACS-2 DET A 335-7241
NAS PENSACOLA (300)
NAS PATUXENT RIVER
NAS JRB NEW ORLEANS
NATTC (ATC)
NAVSTA MYPT AIROPS/GEMD
NAWCAD PAX (3.1.4.1, 4.5.8.4, 4.5.9.2))
NAWCTSD (4971)
SPAWAR CHARLESTON (311, 311RY)
SPAWAR SAN DIEGO (2334)
TACRON-22
TECOM (C473)

AC "A" / ATC / ET UNIQUE HPRR
17 - 21 June 2002
NATTC Pensacola, FL.

POLICY COMMITTEE

NAME	RANK/RATE	ORGANIZATION EMAIL	DSN
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DELEON, M.	CWO3	TECOM (C473) DELEONMA@TECOM.USMC.MIL	278-4326
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KROPELIN, R.	SSGT	MACS-1 ATC DET C YUMA KROPELINRS@3MAWYUMA.USMC.MIL	269-3016
LANTENSCHLAGER, E.	ACC	ATCSCC / USNOF ERIC.LANTENSCHLAGER@FAA.GOV	994-3219
WILLIS, M.	ACC(AW)	NAS PATUXENT RIVER WILLISMD@NAVAIR.NAVY.MIL	342-5958
JOHNSON, J.	ACCS	NAVAIR (4.5.9.2F) JOHN.JOHNSON@MX.IFF.NAVY.MIL	995-8104
FLEMING, B.	ACCS	NAVAIR (3.1.4B/PMA213) FLEMINGBC@NAVAIR.NAVY.MIL	995-6332
PRUSHANSKY, J.	ACC	NAS JRB NEW ORLEANS PRUSHANSKYJ@JRB.NOLA.NAVY.MIL	678-3100

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HOBBS, W.	CIV	SPAWAR SAN DIEGO (2334) HOBBSWB@SPAWAR.NAVY.MIL	524-3437
RENTA, R.	ET1	MAYPORT (AIROPS/GEMD) RRENTA@NSMAYPORT.SPEAR.NAVY.MIL	960-6148
BENSON, V.	CIV	NAVSTA MYPT AIROPS/GEMD VBENSON@SPEAR.NAVY.MIL	960-6154
MYERS, R.	CIV	SPAWAR CHARLESTON (311) MYERSRB@SPAWAR.NAVY.MIL	588-5311
YOUNG, R.	CIV	SPAWAR CHARLESTON (311RY) YOUNGRU@SPAWAR.NAVY.MIL	588-5834
KENT, C.	ACCM	SPAWAR CHARLESTON KENTC@SPAWAR.NAVY.MIL	588-4319
SHARP, J.	SSGT	MCAS CHERRY POINT SHARPJW@CHERRYPOINT.USMC.MIL	582-2650

VALLA, K.	MSGT	MCAS CHERRY POINT VALLAKR@CHERRYPOINT.USMC.MIL	582-5887
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LEBLANC, R.	CIV	NAWCAD PAX LEBLANC_RAYMOND@ATC-LS.STINIGOES.NAVY.MIL	
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MATC COMM

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ARMSTRONG, J. (CHAIR)	MAJ	MCAS CHERRY POINT ARMSTRONGJL@CHERRYPOINT.USMC.MIL	582-4664
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SKRZYNSKI, W.	CAPT	H&HS MIRAMAR SKRZYNSKIWS@MIRAMAR.USMC.MIL	267-4273
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MOORE, D.	CAPT	MCAF QUANTICO MOOREDA@HMX-1.USMC.MIL	278-1455
METZ, J.	GYSGT	H&HS MCAS NEW RIVER METZJC@NEWRIVER.USMC.MIL	752-6657
SILCOX, M.	MAJ	TECOM (C473) SILCOXMT@TECOM.USMC.MIL	278-4356
QUINTANA, J.	CAPT	MCAS FUTENMA QUINTANAJD@FUTENMA.USMC.MIL	636-3141/2224
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FITZSIMMONS, S.	CAPT	CAPT-SHAUN.M.FITZSIMMONS@CNET.NAVY.MIL	922-7025

AC "A" / ATC / MINI POA&M

ACTION CIN	COMMAND	ACTION ITEM	ECD
	CNET	ATC.98MTRR.2G.03	12/31/1999
C-222-2010	CNET	ATC.02HPRR.2010.001	08/30/2002
C-222-2010	CNET	ATC.02HPRR.2010.002	06/19/2002
C-222-2010	CNET	ATC.02HPRR.2010.003	08/30/2002
C-222-2010	CNET	ATC.02HPRR.2010.004	06/19/2002
C-222-2010	CNET	ATC.02HPRR.2010.005	06/19/2002
C-222-2010	CNET	ATC.02HPRR.2010.006	06/19/2002
C-222-2010	CNET	ATC.98MTRR.2010.01	12/30/1999
C-222-2012	CNET	ATC.02HPRR.2012.001	08/30/2002
C-222-2012	SPAWAR	ATC.02HPRR.2012.002	08/30/2002
C-222-2012	SPAWAR	ATC.02HPRR.2012.002	08/30/2002
C-222-2012	CNET	ATC.98MTRR.2012.02	12/31/1999
C-222-2012	CNET	ATC.98MTRR.2012.04	12/31/1999
C-222-2014	CNET	ATC.02HPRR.2014.001	08/30/2002
C-222-2014	CNO	ATC.02HPRR.2014.002	12/31/2002
C-222-2017	CNET	ATC.98MTRR.2017.01	12/31/1999
C-222-2017	NAVAIR	ATC.98MTRR.2017.02	12/31/1999
C-222-2020	CNET	ATC.98MTRR.2020.01	06/30/1999
C-222-2022	CNET	ATC.02HPRR.2022.001	06/19/2002
C-222-2022	CNET	ATC.98MTRR.2022.01	06/30/1999
C-222-2023	CNET	ATC.02HPRR.2023.001	08/30/2002
C-222-2023	CNET	ATC.02HPRR.2023.002	08/30/2002
C-222-2023	BUPERS	ATC.98MTRR.2G.02	12/31/1999

AC "A" / ATC / CONTENT SUMMARY

ACTION CIN	TOTAL	CONTENT ADDED	CONTENT SUBTRACTED	ADMINISTRATIVE
C-222-2010	4	3	1	
C-222-2012	5	5		
C-222-2014	2	1		1
C-222-2017	1	1		
C-222-2020	1			1
C-222-2022	1		1	
C-222-2023	3	2		1
TOTAL	17	12	2	3

ET UNIQUE MINI POA&M

ACTION CIN	COMMAND	ACTION ITEM	ECD
C-103-2012	CNET	ATC.02HPRR.2116.004	06/20/2002
C-103-2012	CNET	ATC.98MTRR.2116.01	06/20/2002
C-103-2017	CNET	ATC.02HPRR.2115.001	08/30/2002
C-103-2017	CNET	ATC.02HPRR.2115.005	12/30/2002
C-103-2018	NAVAIR	ATC.02HPRR.2069.001	06/19/2003
C-103-2023	CNET	ATC.02HPRR.2116.003	12/30/2002
C-103-2023	CNET	ATC.02HPRR.2116.003	12/30/2002
C-103-2023	NAVAIR	ATC.02HPRR.2117.001	12/31/2002
C-103-2023	CNET	ATC.98MTRR.2116.02	06/20/2002
C-103-2036	CNET	ATC.02HPRR.2060.001	06/19/2002
C-103-2036	CNET	ATC.02HPRR.2060.002	08/30/2002
C-103-2036	CNET	ATC.98MTRR.2060.01	12/31/2002
C-103-2036	CNET	ATC.98MTRR.2060.02	08/30/2002
C-103-2037	CNET	ATC.02HPRR.2061.001	08/30/2002
C-103-2037	CNET	ATC.98MTRR.2061.01	06/20/2002
C-103-2037	CNET	ATC.98MTRR.2061.02	06/20/2002
C-103-2043	CNET	ATC.98MTRR.2043.01	08/30/2002
C-103-2045	CNET	ATC.02HPRR.2056.001	06/19/2002
C-103-2045	CNET	ATC.02HPRR.2061.003	08/30/2002
C-103-2045	CNET	ATC.02HPRR.2067.001	08/30/2002
C-103-2045	CNET	ATC.02HPRR.2067.002	08/30/2002
C-103-2046	CNET	ATC.98MTRR.2067.01	06/20/2002
C-103-2048	CNET	ATC.98MTRR.2115.04	06/19/2002
C-103-2054	CNET	ATC.02HPRR.2055.001	08/30/2002
C-103-2054	CNET	ATC.02HPRR.2055.002	12/31/2002
C-103-2054	CNET	ATC.98MTRR.2055.01	06/20/2002
C-103-2054	NAVAIR	ATC.98MTRR.2055.02	02/01/2001
C-103-2056	CNO	ATC.02HPRR.2056.002	11/10/2002
C-103-2059	CNET	ATC.98MTRR.2059.01	06/19/2002

C-103-2060	CNET	ATC.98MTRR.2060.03	12/30/1998
C-103-2061	CNET	ATC.02HPRR.2061.002	12/31/2002
C-103-2061	CNET	ATC.98MTRR.2061.03	06/20/2002
C-103-2062	CNET	ATC.98MTRR.2062.02	12/31/2002
C-103-2063	CNET	ATC.02HPRR.2056.003	08/30/2002
C-103-2063	CNET	ATC.02HPRR.2056.004	08/30/2002
C-103-2064	CNET	ATC.02HPRR.2059.001	06/19/2002
C-103-2064	CNET	ATC.98MTRR.2059.02	06/19/2002
C-103-2065	SPAWAR	ATC.02HPRR.2115.004	06/30/2002
C-103-2065	CNET	ATC.98MTRR.2115.02	06/19/2002
C-103-2068	CNET	ATC.02HPRR.2068.001	06/19/2002
C-103-2113	NAVAIR	ATC.02HPRR.2116.001	12/31/2002
C-103-2113	NAVAIR	ATC.02HPRR.2116.001	12/31/2002
C-103-2113	CNET	ATC.02HPRR.2116.002	08/30/2002
C-103-2113	CNET	ATC.02HPRR.2116.002	08/30/2002
C-103-2113	CNET	ATC.02HPRR.2116.006	06/20/2002
C-103-2113	CNET	ATC.02HPRR.2116.006	06/20/2002
C-103-2113	CNET	ATC.98MTRR.2117.01	06/20/2002
C-103-2115	CNET	ATC.98MTRR.2115.01	06/20/2002

ET UNIQUE CONTENT SUMMARY

ACTION CIN	TOTAL	CONTENT ADDED	CONTENT SUBTRACTED	ADMINISTRATIVE
C-103-2017	2	2		
C-103-2018	1		1	
C-103-2023	2	2		
C-103-2023	1	1		
C-103-2036	2	2		
C-103-2037	1	1		
C-103-2043	1			1
C-103-2045	3	3		
C-103-2054	1	1		
C-103-2063	2	2		
C-103-2064	1		1	
C-103-2065	1	1		
C-103-2068	1		1	
C-103-2113	4	4		
C-103-2116	2		2	
C-103-2118	2	2		
TOTAL	27	21	5	1

MATC MINI POA&M

ACTION CIN	COMMAND	ACTION ITEM	ECD
C-103-2072	CNET	MATC.02HPRR.2080.005	08/30/2002
C-103-2072	CNET	MATC.02HPRR.2080.005	08/30/2002
C-103-2072	CNET	MATC.02HPRR.2080.005	08/30/2002
C-103-2072	CNET	MATC.02HPRR.2080.006	06/20/2002
C-103-2080	CNET	MATC.02HPRR.2080.007	08/30/2002
C-103-2081	NAVAIR	MATC.02HPRR.2080.002	12/30/2002
C-103-2081	CNET	MATC.02HPRR.2080.003	06/20/2002
C-103-2081	CNET	MATC.02HPRR.2080.004	08/30/2002
C-103-2081	CNET	MATC.98MTRR.2080.1	06/26/1999
C-103-2083	CNET	MATC.98MTRR.2080.3	06/26/1999
C-103-2084	CNET	MATC.02HPRR.2080.001	10/31/2002
C-103-2084	CNET	MATC.98MTRR.2080.4	06/26/1999
C-103-2090	CNET	MATC.02HPRR.2090.001	06/19/2002
C-103-2090	CNET	MATC.02HPRR.2090.006	08/30/2002
C-103-2091	CNET	MATC.02HPRR.2090.002	06/19/2002
C-103-2091	CNET	MATC.02HPRR.2090.005	08/30/2002
C-103-2091	CNET	MATC.02HPRR.2090.008	08/30/2002
C-103-2091	CNET	MATC.98MTRR.2090.1	06/30/2003
C-103-2092	CNET	MATC.02HPRR.2090.003	08/30/2002
C-103-2092	CNET	MATC.02HPRR.2090.007	06/19/2002
C-103-2092	CNET	MATC.02HPRR.2090.009	12/31/2002
C-103-2092	CNET	MATC.02HPRR.2090.011	12/31/2002
C-103-2092	CNET	MATC.98MTRR.2090.2	06/19/2002
C-103-2093	CNET	MATC.98MTRR.2090.3	06/19/2002
C-103-2094	CNET	MATC.02HPRR.2090.004	08/30/2002
C-103-2094	CNET	MATC.02HPRR.2090.010	12/31/2002
C-103-2094	CNET	MATC.02HPRR.2090.012	06/20/2002
C-103-2101	CNET	MATC.98MTRR.2100.1	12/31/1999

C-103-2102	CNET	MATC.02HPRR.2100.001	06/20/2002
C-103-2102	CNET	MATC.98MTRR.2100.2	12/31/1999
C-103-2110	CNET	MATC.02HPRR.2110.001	08/30/2002
C-103-2111	CNET	MATC.02HPRR.2110.002	06/20/2002
C-103-2111	CNET	MATC.02HPRR.2110.004	06/20/2002
C-103-2111	CNET	MATC.02HPRR.2110.005	08/30/2002
C-103-2111	CNET	MATC.02HPRR.2110.006	06/20/2002
C-103-2111	CNET	MATC.02HPRR.2110.007	06/20/2002
C-103-2111	CNET	MATC.02HPRR.2110.008	06/20/2002
C-103-2112	CNET	MATC.02HPRR.2110.003	08/30/2002
C-103-MATO	CNET	MATC.02HPRR.MATO.001	12/31/2002
C-222-2021	CNET	ATC.02HPRR.2021.001	08/30/2002
C-2G-2018	CNET	MATC.02HPRR.2018.001	08/30/2002
C-2G-2026	CNET	ATC.02HPRR.2026.001	08/30/2002

MATC CONTENT SUMMARY

ACTION CIN	TOTAL	CONTENT ADDED	CONTENT SUBTRACTED	ADMINISTRATIVE
C-103-2072	3	3		
C-103-2081	4	3	1	
C-103-2083	2	1	1	
C-103-2084	3	1	2	
C-103-2090	1	1		
C-103-2091	3	3		
C-103-2092	6	4	2	
C-103-2093	1		1	
C-103-2094	2	2		
C-103-2101	1	1		
C-103-2102	1	1		
C-103-2110	1			1
C-103-2111	1		1	
C-103-2112	1	1		
C-103-MATO	1	1		
C-222-2021	2	1		1
C-2G-2018	2	1	1	
C-2G-2026	2	1	1	
TOTAL	37	25	10	2

AC "A" / ATC

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.001	CNET	Students not knowing how to conduct a position relief/passdown in the fleet.	NATTC: Incorporate into TOTs and Labs as a requirement. No increase in course length authorized.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.002	CNET	Students need reference material info taught in "A" School. Data dumping most info.	Disapproved. Use LQS at local facility.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.003	CNET	Change last 5 days of AC(A1) school CMS to 1 day each: FL Planning AATCC CATCC FACSFAC vice: 1 week (5 days) FL Planning.	NATTC: Reduce Flt Planning from 5 to 4 days. Add one day of AATCC/CATCC/FASFAC/TACRON Intro.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.004	CNET	Eliminate arrival, due to "first termers" not achieving this qualification until later in their career. At that point in their career, they will learn this in ARATC.	Disapproved. Keep Flight Planning at 5 days.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.005	CNET	Add/changes to TOTS scenarios.	Disapproved. Pending Mod's will expand options.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.02HPRR.2010.006	CNET	Minimize WX lesson and relocate closer to Block 2/AWT.	Keep weather lesson and move closer to block 2. Minor revision, no approval required.	C-222-2010
C-222-2010	AIR TRAFFIC CONTROLLER	AC	0000	7251	ATC.98MTRR.2010.01	CNET	AC(A1) School has been identified by CNET as having the highest attrition rates in the CNET claimancy. School was decreased from 16 weeks to 14 weeks May 1994. Thus causing, and significantly contributing to , attrition by lack of time for teaching Core knowledge factors and other follow-on Lesson Topics.	NATTC: Revise C-222-2010 to add 2 weeks of Information in Blocks 1 and 2. Subjects to address are Flight Planning, Publications and Charts, and Knowledge of the FAA Handbook 7110.65. Course length not to exceed 16 Cal weeks.	C-222-2010
C-222-2012	CARRIER AIR TRAFFIC CONTROL CENTER OPERATIONS	AC	6902	N/A	ATC.02HPRR.2012.001	CNET	Current curriculum does not include utilization of DINS (Defense Internet NOTAM Service) in HotSheet preparation, Fly on/off evolutions, etc.	NATTC: Incorporate DINS and Subscription Service into Unit 3 (Air Operations). No increase in course length authorized.	C-222-2012
C-222-2012	CARRIER AIR TRAFFIC CONTROL CENTER OPERATIONS	AC	6902	N/A	ATC.02HPRR.2012.002	SPAWAR	Air Controller AN/SPN-46 simulator does not have the RDVP messages integrated.	SPAWAR/NAWCAD: Incorporate software change into equipment at NATTC.	C-222-2012
C-222-2014	CARRIER AIR TRAFFIC CONTROL CENTER (CATCC) OPERATIONS FUNDAMENTALS	AC	0000	N/A	ATC.02HPRR.2012.002	SPAWAR	Air Controller AN/SPN-46 simulator does not have the RDVP messages integrated.	SPAWAR/NAWCAD: Incorporate software change into equipment at NATTC.	C-222-2012
C-222-2014	CARRIER AIR TRAFFIC CONTROL CENTER (CATCC) OPERATIONS FUNDAMENTALS	AC	0000	N/A	ATC.02HPRR.2014.001	CNET	Current curriculum does not include utilization of DINS (Defense Internet NOTAM Service) in HotSheet preparation, Fly on/off evolutions, etc.	NATTC: Incorporate DINS and Subscription Service into Unit 3 (Air Operations). No increase in course length authorized.	C-222-2014

C-222-2014	CARRIER AIR TRAFFIC CONTROL CENTER (CATCC) OPERATIONS FUNDAMENTALS	AC	0000	N/A	ATC.02HPRR.2014.002	CNO	Current course does not award an NEC.	OPNAV N789H5: Make NEC changes.	C-222-2014
C-222-2014	CARRIER AIR TRAFFIC CONTROL CENTER (CATCC) OPERATIONS FUNDAMENTALS	AC	0000	N/A	ATC.98MTRR.2012.02	CNET	C-222-2010 AC(A1) graduates who attend C-222-2012 (CATCC Ops) currently receive a NEC 6902 without mastering all objectives. "A" School inputs are only tested on part of the course objectives consummate with their knowledge and experience.	NATTC: Implement a new course C-222-20XX (T1) that will be 40 days in course length and requirements will be transferred from CDP 708M CIN C-222-2012.	C-222-2012
C-222-2017	CV CARRIER AIR TRAFFIC CONTROL CENTER TEAM TRAINING	AC	0000	0000	ATC.98MTRR.2017.01	CNET	Current fleet system not used in course. Refer to Action Chit #ATC-06 from MTRR conference date 12 - 16 Jun 95.	NATTC: Revise course upon receipt of SPN-43C. No increase authorized. Course length not to exceed 12 calendar days.	C-222-2017
C-222-2017	CV CARRIER AIR TRAFFIC CONTROL CENTER TEAM TRAINING	AC	0000	0000	ATC.98MTRR.2017.02	NAVAIR	Current Fleet system not used in course. Refer to Action Chit #ATC-06 from MTRR conference date 12 - 16 Jun 95.	(PMA205-3B1): Coordinate modification of trainer. Develop POA&M.	C-222-2017
C-222-2019	AMPHIBIOUS AIR TRAFFIC CONTROL CENTER OPERATIONS	AC	6903	N/A	NONE			There are no open Action Items against this training requirement.	
C-222-2020	AMPHIBIOUS AIR TRAFFIC CONTROL CENTER TEAM TRAINING	AC	0000	0000	ATC.98MTRR.2020.01	CNET	As per course curriculum for AATCC T.T., Team Training, NATOPS Test is in an inappropriate place in the curriculum (i.e. day 6).	NATTC: Revise C-222-2020 as follows: (No extension authorized) 1. Administer Amphibious NATOPS test on day 1 with a minimum team passing score of 75. 2. Administer retest (if failure) prior to course completion with maximum score of 75.	C-222-2020
C-222-2022	ADVANCED RADAR AIR TRAFFIC CONTROL (ARATC)	AC	6901	N/A	ATC.02HPRR.2022.001	CNET	Loss of personnel to attend school is a definite manning issue. If they receive the course ICW transfer orders, this would preclude a loss for 4-6 weeks for TEMDUINS.	Disapproved. Retain enroute training policy for ARATC. NEC 6901 is a valid requirement.	C-222-2022
C-222-2022	ADVANCED RADAR AIR TRAFFIC CONTROL (ARATC)	AC	6901	N/A	ATC.98MTRR.2022.01	CNET	Current course curriculum does not apply to Journeyman Level Controller (specifically). Two (2) weeks of the current 6-week Lesson Topics apply only to Masters Level personnel.	NATTC: Revise C-222-2022 to remove 2 weeks to align the course to FAA 7110.65. Course length not to exceed 4 weeks.	C-222-2022
C-222-2023	AIR TRAFFIC CONTROL MANAGER	AC/ OFFICER	6904	0000	ATC.02HPRR.2023.001	CNET	Two agencies that can be of the greatest assistance to ATC are the Regional NAVREP and FAA ATREP.	NATTC: Incorporate a lesson dealing with the structure, duties, authority and requirements of the Regional NAVREP or ATREP. No increase of course length authorized.	C-222-2023
C-222-2023	AIR TRAFFIC CONTROL MANAGER	AC/ OFFICER	6904	0000	ATC.02HPRR.2023.002	CNET	Writing operational waivers (i.e. reduced RUY Sys, FCLP, etc.) knowledge for practical application.	NATTC: Incorporate a lesson dealing with the structure, duties, authority and requirements of the Regional NAVREP or ATREP. No additional course length authorized.	C-222-2023

C-222-2023	AIR TRAFFIC CONTROL MANAGER	AC/ OFFICER	6904	0000	ATC.98MTRR.2G.02	BUPERS	The knowledge factors/topics indicated on the attached sheet #1 are not being taught thus causing a significant loss of these necessary skills at the Masters Level of the ATC community. Attached Sheet #1: TERPS: Obstruction Evaluations Flight Checks NAALS: OCIRS OAG'S CSRR'S BESEP'S Airspace Management (SUA/MOA/W/R): AICVZ LOAS MOUS MAMS FACSFAC'S MRU'S Facility Management: Reports (Air Activity, SIAPS, etc.) Operational Errors, incidents, flight violations HAZREPS Revocations, MED waivers PEB, CEB Manpower (AMO, EDVR) (ER) OPTAR Operational Risk Management Correspondence (awards AC - ET) Facility QA'S Community involvement: FAA ORG Local flying clubs, Aviation community boards ORM: NAVREP'S FAA REP NAVFIG	BUPERS (404DF): Submit request for new NEC to support C-222-20XX.	C-222-2023

C-222-2023	AIR TRAFFIC CONTROL MANAGER	AC/ OFFICER	6904	0000	ATC.98MTRR.2G.03	CNET	The knowledge factors/topics indicated on the attached sheet #1 are not being taught thus causing a significant loss of these necessary skills at the Masters Level of the ATC community. Attached Sheet #1: TERPS: Obstruction Evaluations Flight Checks NAALS: OCIRS OAG'S CSRR'S BESEP'S Airspace Management (SUA/MOA/W/R): AICVZ LOAS MOUS MAMS FACSFAC'S MRU'S Facility Management: Reports (Air Activity, SIAPS, etc.) Operational Errors, incidents, flight violations HAZREPS Revocations, MED waivers PEB, CEB Manpower (AMO, EDVR) (ER) OPTAR Operational Risk Management Correspondence (awards AC - ET) Facility QA'S Community involvement: FAA ORG Local flying clubs, Aviation community boards ORM: NAVREP'S FAA REP NAVFIG	NATTC: Implement new course C-222-20XX (C-1) to address the career level of ATC Management (E7-O2). This course will be patterned after C- 2G-2018 and not to exceed 4 weeks.	
C-2G-2019	CARRIER AIR TRAFFIC CONTROL CENTER(CATCC) OPERATIONS OFFICER	OFFICER	N/A	N/A	ATC.98MTRR.2012.04	CNET	Develop new course per PER TPP (CO, NATTC Ltr 1500 CISO/072 dtd 18 May 98). OATMS to read: LONG TITLE - CARRIER AIR TRAFFIC CONTROL CENTER OPERATIONS CDP - XXXX CIN - C- 2G-XXXX SC - P TC - C2 DAYS - 12 WEEKS - 2 UIC - 39831 ACTIVITY - NATTC PENSACOLA TPC -25115	NATTC: Implement a new course C-2G-XXXX (T2) course that will be a 12-day course concurrently scheduled with C-222-2012.	C-222-2012

ET UNIQUE

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
C-103-2043	AN/UYX-1(V) BRANDS MAINTENANCE	ET	0000	N/A	ATC.98MTRR.2043.01	CNET	Brands SM&R Codes change from PAOOD to PAODD. This change made all LRU'S Depot repair only. NATTC is teaching to old SM&R of Organizational Maintenance.	1. Revise C-103-2043 to remove the information to align to the proper maintenance policy. Course length not to exceed 3 weeks. 2. Revise NITRAS to change type course to F1 and NEC to 0000. Jun 02 HPRR: CNET N7811: Ensure changes are updated in NITRAS and CANTRAC. Notify CNO N789H5 when action is complete.	C-103-2043
C-103-2051	AN/TPX-42A(V)10 RATCF DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1578	N/A	NONE			There are no open Action Items against this training requirement.	
C-103-2053	AN/TPX-42A(V)5 DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1574	N/A	NONE			There are no open Action Items against this training requirement.	
C-103-2055	AN/TPX-42A(V)13 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1568	N/A	ATC.02HPRR.2055.001	CNET	Time being spent describing circuit level operation of 3A1A/0 card could be better spent on other areas.	NATTC: Incorporate changes. No increase in course length authorized.	C-103-2054
C-103-2055	AN/TPX-42A(V)13 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1568	N/A	ATC.02HPRR.2055.002	CNET	1. The RC 3212 Racal Recorder is being replaced by field change 1 to the AN/TPX-42A(V)13. Will be removed from the fleet by the end of CY 2002. 2. AN/UPX-27(V) Interrogator is being replaced by the AN/UPX-37(V) digital interrogator. Interrogators are being maintained by MKX techs at sea. 3. Majority of AN/TPX-42A(V)13 failures occur in OD-201/TPX indicator group - power supplies and deflection amps. Students do not receive any hands on training on subject power supplies and amps. 4. Training is not provided on analog video and trigger inputs to the AN/TPX-42A(V)13 system.	NATTC: Incorporate all changes. No increase in course length authorized.	C-103-2054

C-103-2055	AN/TPX-42A(V)13 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1568	N/A	ATC.98MTRR.2055.01	CNET	The AN/TPX-42A (V) 8 instruction is taught during this course for Sailors rotating to some of CV/CVN platforms until the AN/TPX-42A (V) 14 is deployed on all Aviation platforms. The older system is facing major obsolescence problems so the ISEA is tasked with support when NAVICP cant respond. Therefore, LRU'S no longer need to be taught to the "O" Level. The techs identify the bad LRU and then the ISEA for support.	Revise C-103-2054 to align to new maintenance policy (O --> D). Course not to exceed 15.0 weeks.	C-103-2054
C-103-2055	AN/TPX-42A(V)13 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1568	N/A	ATC.98MTRR.2055.02	NAVAIR	AN/TPX-42A(V)8 will continue to be taught until FY03 - 04. This system is in need of a overhaul. This particular system has been in service since 1981 and has never been overhauled. It was moved by ISEA from NATTC Millington to Pensacola with no overhaul authorized. Continual troubleshooting is taking its toll on this system.	(PMA-205): Coordinate the rework of the TTE.	C-103-2054
C-103-2056	AN/TPX-42A(V)14 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1592	N/A	ATC.02HPRR.2056.002	CNO	THIS IS A GENERAL ET "A" SCHOOL ACTION ITEM Electronics Technicians are leaving class "A" school with no soldering training. Although 2M technicians are required for QA or most solder jobs, there are still jobs that can be accomplished with basic soldering skills. Wiring inside a chassis is one example of this. 2M school quotas are at a premium. It is not practical for every ET to attend 2M school, however, every ET should have Basic Soldering skills.	Defer to N76 for action. This is an ET issue and should be done through their HPRR process.	C-103-2056
C-103-2056	AN/TPX-42A(V)14 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1592	N/A	ATC.02HPRR.2056.003	CNET	New front end FC1 (Field Change 1) has been delivered to NATTC, but not included in the AN/TPX-42A(V)14 curriculum.	NAWCAD: ISEA provide FC1 training and material to NATTC.	C-103-2063
C-103-2056	AN/TPX-42A(V)14 SHIPBOARD DAIR MAINTENANCE TECHNICIAN PIPELINE	ET	1592	N/A	ATC.02HPRR.2056.004	CNET	Training is not provided on analog video and trigger inputs to the AN/TPX-42A(V)14 system.	NAWCAD: Provide RADDS Encoder and Decoder materials to NATTC.	C-103-2063
C-103-2057	AMPHIBIOUS AIR TRAFFIC CONTROL RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	0000	N/A	NONE			There are no open Action Items against this training requirement.	
C-103-2059	CATCC RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1502	N/A	ATC.02HPRR.2059.001	CNET	Only one AN/SPN-43B was operational in the fleet (USS Inchon). USS Inchon is decommissioned.	CNET N7811: Deactivate course. Submit package to NEOCS board if course is NEC producing. Notify CNO N789H5 when action is complete.	C-103-2064
C-103-2059	CATCC RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1502	N/A	ATC.98MTRR.2059.01	CNET	As of August there will be a total of one AN/SN-43B.	1. Delete C-103-2059 and segment course. 2. Submit NEC deletion package.	C-103-2059

C-103-2059	CATCC RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1502	N/A	ATC.98MTRR.2059.02	CNET	Equipment removal of SPN-43B in conjunction with overhaul of SPN-43C. Only 7 of 22 objectives are being met. Substandard. (Overhaul needed to prevent any further deterioration in training.)	Fund overhaul of AN/SPN-43C.	C-103-2064
C-103-2060	AN/GPN-27 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1580	N/A	ATC.02HPRR.2060.001	CNET	We are teaching the AN/GPN-27, in some areas, to a detailed level that is not required.	Disapproved. Should be done at annual course review. Chit closed.	C-103-2036
C-103-2060	AN/GPN-27 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1580	N/A	ATC.02HPRR.2060.002	CNET	Technicians do not have an understanding of magnetic variation and alignment of APG's utilizing the antenna pedestal azimuth ring to allow for MAG var offset.	NATTC: Incorporate material for Azimuth variations. No additional course length authorized. Submit with New TPP.	C-103-2036
C-103-2060	AN/GPN-27 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1580	N/A	ATC.98MTRR.2060.01	CNET	The MTI reflectors are not covered in curriculum.	NATTC: Revise C-103-2036 to include MTI reflectors operation and maintenance. No additional time authorized. Delete segment C-103-2062.	C-103-2036
C-103-2060	AN/GPN-27 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1580	N/A	ATC.98MTRR.2060.02	CNET	Antenna Drive System is not addressed adequately.	Revise C-103-2036 to include Antenna Drive System (2.0 hours classroom; 6.0 hours lab) into existing course with no time increase authorized. Jun 02 HPRR: NATTC incorporate material into course and route TPP through CNET for approval. No additional course length authorized.	C-103-2036
C-103-2060	AN/GPN-27 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1580	N/A	ATC.98MTRR.2060.03	CNET	FAC-6(V)2 not covered in systems maint. Needs to be added to GPN-27 course.	NATTC: Create new segment course C-103-XXX2 (2.6 wks) from C-103-2062. Jun 02 HPRR: Refer to action item ATC.98MTRR.2060.01. CHIT CLOSED.	C-103-2060
C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.02HPRR.2061.001	CNET	Proper Signal Identification is not accomplished during training.	NATTC: Incorporate material into course. No additional course length authorized.	C-103-2037
C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.02HPRR.2061.002	CNET	Revision of pipeline.	NATTC: Add MRC deck training, MTI reflector's, High Voltage troubleshooting and Fiber Optic Training. Reduce depth for some areas delete AN/FAC-6 training and delete obsolete EO's. Track not to exceed 70 days in length.	C-103-2061
C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.02HPRR.2061.003	CNET	OPNAVINST 5100.23 establishes the requirement for incorporation of lockout/tagout (LO/TO) information into curriculum of all appropriate courses.	NATTC: Incorporate changes. No increase in course length authorized.	C-103-2045
C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.98MTRR.2061.01	CNET	Moving Target Indicator (MTI) Reflector Theory of Operation not covered in course.	Revise C-103-2037 to include MTI. No increase in course length authorized. Jun 02 HPRR: Refer to action item ATC.02HPRR.2062.002. Chit closed.	C-103-2037

C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.98MTRR.2061.02	CNET	No practice troubleshooting of transmitter high voltage circuitry related problems. (High failure item in field.	Revise C-103-2037 to include high voltage troubleshooting. No increase in course length authorized. Jun 02 HPRR: Refer to action item ATC.02HPRR.2062.002. Chit closed.	C-103-2037
C-103-2061	AN/FPN-63 RADAR MAINTENANCE TECHNICIAN PIPELINE	ET	1579	N/A	ATC.98MTRR.2061.03	CNET	AN/FAC-6(V)1 curriculum needs to be added to AN/FPN-63 course C-103-2037. Needs not taught.	1. Create new segment course C-103-XXX3 (2.6 wks) from C-103-2062. Jun 02 HPRR: Refer to action item ATC.02HPRR.2062.002. Chit closed.	C-103-2061
C-103-2062	AN/FAC-6 FIBER OPTIC INTERSITE MAINTENANCE	ET	1480	N/A	ATC.98MTRR.2062.02	CNET	Eliminate specific NEC 1480 Fiber Optic Tech (26 days) and add specific FAC-6 version curriculum to host systems pipeline (13 days). Fiber training, outside the system it interfaces with has been non-effective in the Fleet. Jun 2002 HPRR: Delete NEC 1490 and add specific training to host system. Incorporate training into system pipeline. (Do not segment course).	1. Delete C-103-2062 and create 3 new courses to be 2.6 weeks in length to support C-103-2060, C-103-2115, and C-103-2061. 2. Delete NEC 1480. Jun 2002 HPRR: CNET/NAVMAC: Delete NEC 1480. Add 8 days to C-103-2115, 8 days to C-103-2060 and add 4 wks to C-103-2061 to include Fiber Optics, MTI reflectors, and high voltage troubleshooting. NAVMAC recode the 28-billets/ bodies as 0000.	C-103-2062
C-103-2067	AN/SPN-46 PALS MAINTENANCE TECHNICIAN PIPELINE	ET	1590	N/A	ATC.02HPRR.2067.001	CNET	AN/SPN-46(V)3 SBBM (Unit 15) UYQ-70 currently only has 3 hrs of class time. The UYQ-70 needs more emphasis on various aspects of its operation.	NATTC: Incorporate information. Increase of 4 hrs authorized.	C-103-2045
C-103-2067	AN/SPN-46 PALS MAINTENANCE TECHNICIAN PIPELINE	ET	1590	N/A	ATC.02HPRR.2067.002		AN/SPN-46(v)3 has the radar Doppler video processor(RDVP) field change. The NATTC curriculum does not currently have RDVP training.	SPAWAR/NAWCAD/NATTC: Incorporate information into curriculum. Increase of 2 days to curriculum authorized. ISEA to provide update.	C-103-2045
C-103-2067	AN/SPN-46 PALS MAINTENANCE TECHNICIAN PIPELINE	ET	1590	N/A	ATC.98MTRR.2067.01	CNET	No AN/SPN-46(V)3 training given. New system requirement but assets not slated to support training.	1. Revise C-103-2046 to list latest equipment in materials list. Jun 2002 HPRR: Incorporated into curriculum. Close chit.	C-103-2046
C-103-2068	AN/SPN-47 SMRAALS MAINTENANCE	ET	0000	N/A	ATC.02HPRR.2068.001	CNET	Course was canceled last MTRR. Still shows active. Course never existed.	CNET N7811: Deactivate course. Notified CNO N789H5 when action is complete. 6/19/2002 CNET deactivated course in NITRAS. Chit closed.	C-103-2068
C-103-2068	AN/SPN-47 SMRAALS MAINTENANCE	ET	0000	N/A	NONE			There are no open Action Items against this training requirement.	

C-103-2069	DASR/STARS (DIGITAL AIRPORT SURVEILLANCE RADAR/STANDARD TERMINAL AUTOMATION REPLACEMENT SYSTEM)MAINTENANCE TECHNICIAN PIPELINE	ET	0000	N/A	ATC.02HPRR.2069.001	NAVAIR	Currently, pipeline includes DASR and STARS at the same time. With the majority of Air Stations only getting STARS, technicians will be attending formal school training on gear they will not work on.	NAVAIR PMA-205: Establish/recommend new NEC requirement for DASR. NEC 1517 will remain as STARs. NEC 15XX will become DASR. Regional commanders are to verify requirements for each system and make changes to the AMD.	C-103-2018
C-103-2069	DASR/STARS (DIGITAL AIRPORT SURVEILLANCE RADAR/STANDARD TERMINAL AUTOMATION REPLACEMENT SYSTEM)MAINTENANCE TECHNICIAN PIPELINE	ET	0000	N/A	NONE			There are no open Action Items against this training requirement.	
C-103-2115	GROUND TO AIR COMMUNICATIONS TECHNICIAN PIPELINE	ET	1570	N/A	ATC.02HPRR.2115.001	CNET	"ETUS" course does not mention with it's content the "IVCSS" differences or similarities. 15 facilities have "IVCSS" and techs are not being taught this system.	NATTC: Incorporate substantial lesson topics to cover IVCSS (AN/FSC-119) within the ETVS (AN/FSC-127) course. Increase course one day.	C-103-2017
C-103-2115	GROUND TO AIR COMMUNICATIONS TECHNICIAN PIPELINE	ET	1570	N/A	ATC.02HPRR.2115.002	CNET	Inadequate training on reviewing and saving trace files and using NT viewer for troubleshooting of the AIR-2000 DADR.	NATTC: Incorporate procedures by including additional job sheets. Two (2) day increase authorized.	C-103-2118
C-103-2115	GROUND TO AIR COMMUNICATIONS TECHNICIAN PIPELINE	ET	1570	N/A	ATC.02HPRR.2115.003	CNET	Inadequate training on Change out of hardware provided as part of the spare parts kit. Covering the DADR (AIR-2000).	NATTC: Incorporate additional job sheets per LRU to allow trainees to install the LRUs; Troubleshoot incorrect jumper settings: Reload the software/ BIOS/ Configurations. No increase in course length authorized.	C-103-2118
C-103-2115	GROUND TO AIR COMMUNICATIONS TECHNICIAN PIPELINE	ET	1570	N/A	ATC.02HPRR.2115.004	SPAWAR	Current training materials does not include new equipment being fielded by FAA. Sites may receive the new equipment when performing E&R or failed equipment.	SPAWAR to provide equipment to the school acquisition process. NATTC: Revise curriculum after equipment delivery. No increase in course length authorized.	C-103-2065
C-103-2115	GROUND TO AIR COMMUNICATIONS TECHNICIAN PIPELINE	ET	1570	N/A	ATC.02HPRR.2115.005	CNET	Shore stations do not perform mechanical splicing, although trained to do so. The incidence of requirement is so rare that the tech does not retain the skill. Reliability problem is solved commercially or via ISEA. Technicians are unable to properly align (V)4 system. SSCC is publishing on illustrated alignment guide which should be taught at NATTC. Special purpose test equipment Separate AN/FAC-6(V)4 from AN/FAC-6(V) curriculum.	NATTC: Delete enabling objective 1.20 CSL cable splice, 1.21 RMS cable splice. Add AN/FAC-7(V)4 alignment procedure Delete enabling objective 1.17 radiometer. Add SPTE Optical Light Source/Power Motor. Delete 1.18 TIMS. Delete all references to AN/FAC-6(v)1 and (V)2 course C-103-2062. Not to exceed 71 days in length.	C-103-2017