DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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IN REPLY REFER TO

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Ser N789H3/2U652847
12 Sep 02

From: Chief of Naval Operations (N789H)

Subj: FINAL REPORT FOR THE MAINTENANCE/AIRCREW C-9/C-20/ C-37/C-40 AND C-130 RESERVE AIRCREW HUMAN PERFORMANCE REQUIREMENTS REVIEW (HPRR)

Ref: (a) CNO Washington DC 071631Z May 02

Encl: (1) HPRR Package

1. As directed by reference (a), subject HPRR convened on 12 August through 16 August 2002 onboard NAS Norfolk, VA., chaired by CNO representatives LCDR D. Kempa (N789H3) and AWCM M. May, CNAR (N3F). 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 CNO (N789H3) with a copy to CNAR (N7).

3. An official electronic copy of the C-9/C-20/C-37/C-40 and C-130 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 points of contacts are LCDR D. Kempa, N789H3, commercial (703)604-7739, E-mail: kempa.darcy@hq.navy.mil and AWCM J. Cook, N789F6, commercial (703)604-7708, E-mail: cook.james@hq.navy.mil.

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Copy to:
CMC (ASL-33A)

Subj: FINAL REPORT FOR THE MAINTENANCE/AIRCREW C-9/C-20/ C-37/C- 40 AND C-130 RESERVE AIRCREW HUMAN PERFORMANCE REQUIREMENTS REVIEW (HPRR)

CNET (N781, N7812)
CNARF
CFLSW (213)
NAVMAC (30)
EPMAC (EP431C)
NAVAIR
MCCDC (ATB C4610)
NAMTRAMARUNIT CH PT
VR-1
VR-46
VR-48
VR-51 (MCBH)
VR-52 (08981, 18901)
VR-53
VR-54
VR-55
VR-56 (53856)
VR-57 (53910)
VR-58 (53911)
VR-59
VR-61
VR-62
VMR-1

C-9/C-20/C-37/C-40/C-130 HPRR
12 - 16 August 2002
NAS JRB FT. Worth, TX.

POLICY / ADVISORY COMMITTEE

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LOCKHART, J.	AM1	VR-54	678-3405
BROWN, K.	AM1	VR-55	351-5145
CONN, E.	ATC	VR-55	351-7782
LIDDON, V.	AE2	VR-62	476-1485
SCOTT, T.	AD1	VR-53	857-2047
WEMHOENER, A.	AT3	VR-53	857-2149
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C-9 MAINTENANCE MINI POA&M

ACTION CIN	ACTION ITEM	COMMAND	ECD
R-102-0907	C9.00MTRR.0907.01	CNARF	08/14/02
R-102-0907	C9.02HPRR.0907.001	CNAR	11/29/2002
R-102-0907	C9.02HPRR.0907.002	CNAR	08/14/2002
R-102-0907	C9.02HPRR.0907.003	CNAR	08/14/2002
R-102-0907	C9.02HPRR.0907.004	CNAR	11/29/2002
R-102-0907	C9.02HPRR.0907.005	CNAR	11/29/2002
R-102-0907	C9.02HPRR.0907.006	CNAR	08/14/2002
R-102-0907	C9.02HPRR.0907.007	CNAR	08/14/2002
R-102-0907	C9.02HPRR.0907.008	CNAR	11/29/2002
R-102-0907	C9.02HPRR.0907.010	CNAR	08/14/2002
R-102-C9AF	C9.02HPRR.C9AF.001	CNAR	12/15/2002
R-102-C9AL	C9.02HPRR.C9AL.001	CNAR	12/15/2002
R-102-C9AV	C9.02HPRR.C9AV.001	CNAR	12/15/2002
R-102-C9M1	C9.02HPRR.C9M1.001	CNAR	12/15/2002
R-102-C9SE	C9.02HPRR.C9SE.001	CNAR	12/15/2002
R-601-0902	C9.00MTRR.0902.07	CNARF	08/14/2002
R-603-0904	C9.02HPRR.0907.009	CNAR	08/14/2002

C-20 MAINTENANCE MINI POA&M

ACTION CIN	ACTION ITEM	COMMAND	ECD
R-102-2013	C20.02HPRR.2013.001	CNAR	08/30/2003
R-102-2007	C20.02HPRR.2007.001	CNAR	08/30/2002
R-102-2011	C20.02HPRR.2011.001	CNAR	08/30/2002
R-102-2015	C20.02HPRR.629H.001	CNAR	08/30/2002
R-102-2017	C20.02HPRR.C402.001	CNAR	08/30/2003
R-600-2004	C20.02HPRR.2004.001	CNAR	08/30/2002
R-600-2006	C20.99MTRR.RT.01	CNARF	08/14/2002
R-600-2007	C20.02HPRR.582J.001	CNAR	08/30/2002
R-600-2009	C20.02HPRR.2009.001	CNAR	08/30/2002
R-600-2011	C20.02HPRR.5826.001	CNAR	08/30/2002

R-600-2012	C20.02HPRR.2015.001	CNAR	01/30/2003
R-600-2015	C20.02HPRR.633L.001	CNAR	08/30/2002
R-600-2018	C20.02HPRR.2018.001	CNAR	08/30/2003
R-600-2019	C20.02HPRR.2019.001	CNAR	08/30/2003
R-601-2015	C20.02HPRR.2006.001	CNAR	08/30/2002
R-601-2017	C20.00MTRR.2015.04	CNO	08/30/2002
R-601-2017	C20.02HPRR.2016.001	CNAR	01/30/2003
R-601-2017	C20.02HPRR.2016.002	CNAR	08/30/2003

C-40 MAINTENANCE MINI POA&M

ACTION CIN	ACTION ITEM	COMMAND	ECD
R-102-4004	C40.02HPRR.4003.001	CNAR	11/29/2002
R-102-4003	C40.00MTRR.4003.01	CNARF	08/30/2003
R-102-4003	C40.99MTRR.ATAE.08	CNARF	08/13/2002
R-600-4001	C40.99MTRR.MM.01	CNARF	08/30/2003
R-601-4007	C40.00MTRR.4007.02	CNAR	08/13/2002
R-601-4007	C40.02HPRR.4007.001	CNAR	11/29/2002
R-601-4007	C40.99MTRR.ADAM.07	CNO	10/01/2002
R-601-4008	C40.02HPRR.4007.002	CNAR	11/30/2002
R-601-4008	C40.02HPRR.4007.004	CNAR	11/29/2002
R-602-4009	C40.02HPRR.4007.003	CNAR	11/29/2002

C-130 MAINTENANCE MINI POA&M

ACTION CIN	ACTION ITEM	COMMAND	ECD
M-102-0451	C9C130.02HPRR.0451.001	CNAR	08/14/2002
M-102-0451	C9C130.02HPRR.0451.002	CNAR	08/14/2002
M-601-0412	C9C130.02HPRR.0412.001	CNAR	08/14/2002
M-602-0455	C130.02HPRR.0455.009	CNAR	08/13/2002
M-602-0455	C130.02HPRR.0455.010	CNAR	01/30/2003
M-602-0462	C9C130.02HPRR.0462.001	CNAR	08/14/2002
M-602-0462	C9C130.02HPRR.0462.002	CNAR	08/14/2002
M-602-0462	C9C130.02HPRR.0462.003	CNAR	08/14/2002

C-9 MAINTENANCE

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.00MTRR.0907.01	CNARF	Currently there is no training established in any service to teach newly installed systems that will be installed on all Navy and Marine D/C-9B aircraft.	Coordinate course modifications with Scott AFB Training Command. Chit closed. Refer to C9.02HPRR.0907.001.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.001	CNAR	School curricula needs to be reviewed for applicability to Navy/Marine Corps airplanes	CNAR establish curriculum review process.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.002	CNAR	Present C9 school platform at Scott AFB does not have curriculum to facilitate teaching the C9 avionics Phase II upgrade/modification. The C9 school also does not provide Navy/Marine maintenance personnel with specific aircraft maintenance task and troubleshooting training.	Disapproved. Low student throughput not justifiable to establish schoolhouse. Contractor training is provided with modified aircraft delivery.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.003	CNAR	No formalized training for avionics personnel in the phase II avionics upgrade. The Air Force was a completely different upgrade. Lockheed-Martin is contracted to teach each squadron when each receives its phase II airplanes, with no future training planned or contracted.	Disapproved. Refer to Action Chit C9.02HPRR.0907.002.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.004	CNAR	Currently there are CBT programs available that could be beneficial to the training process. RJQRs would provide a means for tracking completion of CBT materials.	Chit held in abeyance. CNAR research availability and feasibility of C-9 CBTs.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.005	CNAR	C-9 Ground School course critiques are not reviewed by Navy/Marine Corps personnel. Therefore, quality of training to Navy/Marine Corps personnel cannot be determined.	CNAR establish critique review policy.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.006	CNAR	The time, cost and availability of the ground school required for the 8310 NEC are prohibitive for SELRES personnel.	Disapproved. CBT does not currently exist for C-9. CNAR researching C-9 CBT availability and feasibility.	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.007	CNAR	C-9 ground pipeline is an avionics based course. The name is confused with the mechanical ground pipeline. This name change will differentiate the two separate courses.	Disapproved. Refer to C9.02HPRR.0907.008.	R-102-0907

R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.008	CNAR	Most personnel reporting to squadrons do not have the NEC 8310. They should be attending the C-9 Ground School before reporting to the squadrons as per previous recommended action chit.	Enroute training should be occurring. CNAR delete existing pipelines R-102-0907 and R-601-0910. Refer to action chits: C9.02HPRR.C9SE.001, C9.02HPRR.C9AL.001, C9.02HPRR.C9AV.001, C9.02HPRR.C9M1.001, C9.02HPRR.C9AF.001	R-102-0907
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.009	CNAR	APG Block title does not correspond to course description provided in NTSP/CANTRAC.	Disapproved. Course name to remain the same. Course title owned by USAF.	R-603-0904
R-102-0907	C9 GROUND PIPELINE	AT/AE	8310	6243	C9.02HPRR.0907.010	CNAR	Funding is required to support action items identified in chit numbers C9.02HPRR.0907.005 and C9.02HPRR.0907.002.	Disapproved. Contractor provides training with modified aircraft delivery.	R-102-0907
R-102-C9AF	C-9 AIRFRAMES PIPELINE		0000	0000	C9.02HPRR.C9AF.001	CNAR	C-9 Airframes pipeline incorrect	Create C-9 airframes pipeline with the following segment CIN: R-603-0904 / 5808 Prereq: Rated AM Update NITRAS and CANTRAC	R-102-C9AF
R-102-C9AL	C-9 AVIATION LIFE SUPPORT SYSTEMS MECHANIC PIPELINE		0000	0000	C9.02HPRR.C9AL.001	CNAR	C-9 ALSS pipeline incorrect.	Create C-9 Aviation Life Support Systems Mechanic pipeline with the following CINs: R-603-0904 / 5808 R-602-0908 / 6075 Prereq: Rated PR Update NITRAS and CANTRAC as applicable.	R-102-C9AL
R-102-C9AV	C-9 AVIONICS PIPELINE		0000	0000	C9.02HPRR.C9AV.001	CNAR	C-9 Avionics pipeline incorrect.	Create C-9 Avionics pipeline with the following segment CINs: R-602-0902 / 580B R-102-0906 / 5809 Prereq: Rated AT or AE Update NITRAS and CANTRAC as applicable.	R-102-C9AV

R-102-C9M1	C-9MECHANICAL PIPELINE		0000	0000	C9.02HPRR.C9M1.001	CNAR	C-9 Mechanical pipeline incorrect	Create C-9 Mechanical pipeline with the following segment CINs: R-603-0904 / 5808 R-601-0903 / 5804 Prereq: Rated AD Update NITRAS and CANTRAC as applicable.	R-102-C9M1
R-102-C9SE	C-9 SAFETY EQUIPMENT MECHANIC PIPELINE		0000	0000	C9.02HPRR.C9SE.001	CNAR	C-9 AME pipeline incorrect.	CNAR establish new pipeline for C-9 Safety Equipment Mechanic. Update NITRAS and CANTRAC as applicable.	R-102-C9SE
R-601-0910	C-9 MECHANICAL GROUND PIPELINE	AD/AM/ AME/PR	8310	6243	C9.00MTRR.0902.07	CNARF	Scott AFB pipeline schools are still using overhead transparences as visual aids.	CNARF will coordinate course media upgrades with Scott AFB Training Command.	R-601-0902
R-602-0907	SP-50A AUTO FLIGHT CONTROL	AT/AE	0000	0000	NONE			There are no open Action Items against this training requirement.	

C-20 MAINTENANCE

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-102-2007	C-20G COCKPIT FAULT ANALYSIS	AT/AE	0000	0000	C20.02HPRR.2007.001	CNAR	CANTRAC reflects course length of 0 days.	CNAR N7: Update CANTRAC to reflect course length of 3 days.	R-102-2007
R-102-2011	C-20D COCKPIT FAULT ANALYSIS COURSE	AT/AE	0000	0000	C20.02HPRR.2011.001	CNAR	CANTRAC shows course length as 0 days. Prerequisite lists 2 years experience and skill NEC 8314.	CNAR N7: Update CANTRAC to reflect course length of 5 days. Change NEC skill to 8392.	R-102-2011
R-102-2012	C-20G AVIONICS REFRESHER TRAINING COURSE	AT/AE	0000	0000	NONE			There are no open Action Items against this training requirement.	
R-102-2013	C-20D AVIONICS/ELECTRICAL REFRESHER TRAINING COURSE	AT/AE	0000	0000	C20.02HPRR.2013.001	CNAR	Paygrade information is blank. Prerequisite CIN listed as R-102-2XXX. Prerequisite NEC listed as 83XX. Prerequisite MOS listed as 60XX. No CANTRAC course information for CIN R-102-2013.	Chit held in abeyance until CNAR established C-20D NEC	R-102-2013

R-102-2015	C-20G ELECTRICAL AND AVIONICS TECH	AT/AE	8314	6246	C20.02HPRR.629H.001	CNAR	CANTRAC reflects 0 days for course length. Pipeline segment courses list CDP C406/CIN R-600-2012, C29G Indoc class. Does not exist.	CNAR N7: Update CANTRAC to reflect course length of 12 days. CNO N789H3: Update OATMS to delete R-600-2012 / C406 from segment courses.	R-102-2015
R-102-2016	C-20D AVIONICS/ELECTRICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AT/AE	83XX	6246	C20.02HPRR.C402.001	CNAR	Pipeline days incorrectly listed as 16. Pipeline segment course "C-20D Indoctrination" does not exist. Pipeline NEC listed as 83XX. CANTRAC course length for CIN R-102-2017 listed as 0 days. CANTRAC skill award for R-102-2017 is blank.	Chit held in abeyance until C-20D NEC established.	R-102-2017
R-600-2004	C-20G MAINTENANCE MANAGER COURSE	ALL	0000	0000	C20.02HPRR.2004.001	CNAR	- CANTRAC reflects 0 days for course length. - No purpose on CANTRAC.	CNAR N7: - Update CANTRAC to reflect 5 days for course length. Add a condensed version of GIV Maintenance Initial Training for R-601-2009	R-600-2004
R-600-2005	C-20G LINE MAINTENANCE TRAINING COURSE	ALL	0000	0000	NONE			There are no open Action Items against this training requirement.	
R-600-2006	C-20G MECHANICAL REFRESHER TRAINING COURSE	ALL	0000	0000	C20.02HPRR.2006.001	CNAR	Under Prerequisite, pipelines and courses, the CDP for CIN R-601-2015 should be 629L.	CNAR N7: Update CANTRAC prerequisite to reflect correct CDP of 629L for R-601-2015	R-601-2015
R-600-2006	C-20G MECHANICAL REFRESHER TRAINING COURSE	ALL	0000	0000	C20.99MTRR.RT.01	CNARF	No refresher training course. (5 days)	Assign CIN/CDP to Refresher Training Course with Maintenance Technician Course or Corrosion Control Course as prerequisites.	R-600-2006
R-600-2007	C-20D MAINTENANCE MANAGER COURSE	ALL	0000	0000	C20.02HPRR.582J.001	CNAR	CANTRAC course information shows course length as 0 days. CANTRAC purpose is blank.	CNAR N7: Update CANTRAC to reflect course length to 5 days. Change CANTRAC purpose to read "Trains student in basic C-20D systems operation."	R-600-2007
R-600-2009	C-20G ADVANCED SYSTEMS TROUBLESHOOTING COURSE	ALL	0000	0000	C20.02HPRR.2009.001	CNAR	CANTRAC reflects course length of 0 days. Prerequisite pipeline or course references CDP as 5817.	CNAR N7: Update CANTRAC to reflect 5 days for course length. Change prerequisite CDP for R-102-2015 to 629H.	R-600-2009

R-600-2011	C-20D/G CORROSION CONTROL COURSE	ALL	0000	0000	C20.02HPRR.5826.001	CNAR	CANTRAC shows course length as 0 days. Paygrade is blank. CANTRAC title only lists C-20G. CANTRAC purpose is blank.	CNAR N7: Update CANTRAC to reflect course length of 3 days, add paygrades E1 - E7, change CANTRAC title to read C-20D/G Corrosion Control, change purpose to read: Familiarizes student with basic corrosion control procedures for C-20D/G T/M/S aircraft.	R-600-2011
R-600-2015	C-20D LINE MAINTENANCE TRAINING COURSE	ALL	0000	0000	C20.02HPRR.633L.001	CNAR	CANTRAC lists 0 days for course length. Paygrade is blank.	CNAR N7: Update CANTRAC to reflect course length to 5 days. Change paygrade to E1-E7.	R-600-2015
R-600-2018	C-20D AIRFRAMES/POWERPLANTS UPDATE TRAINING COURSE	AD/AM	0000	0000	C20.02HPRR.2018.001	CNAR	- Paygrade information is blank - Prerequisite pipeline incorrectly lists C-20G Mechanical Pipeline instead of the C-20D Mechanical Pipeline. - CANTRAC incorrectly lists course length as 0 days. - CANTRAC incorrectly lists prerequisite of the C-20G NEC instead of the C-20D NEC.	Chit held in abeyance until CNAR establishes C-20D NEC	R-600-2018
R-600-2019	C-20D ADVANCED SYSTEMS TROUBLESHOOTING COURSE	AT/AE	0000	0000	C20.02HPRR.2019.001	CNAR	-CANTRAC shows course length as 0 days -CANTRAC incorrectly shows course as awarding a C-20G NEC when the course is a stand-alone C-20D course. -CANTRAC prerequisite incorrectly lists C-20G NEC	Chit held in abeyance until CNAR establishes C-20D NEC	R-600-2019
R-601-2015	C-20G MECHANICAL PIPELINE	AD/AM/AME/PR	8314	6246	C20.02HPRR.2015.001	CNAR	Pipeline segment courses/CDP C406/CIN R-600-2012 - C-20G Indoctrination does not exist.	CNAR/CFLSW: 1. Delete pipeline R-601-2015/629L. 2. Create R-601-2009/5821 as a stand-alone course. 3. Add AD, AM, AME, PR source rating. Ensure NEC manual, NITRAS and CANTRAC are updated. Notify CNO N789H3 when action is complete.	R-600-2012

R-601-2016	C-20D MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8314	6246	C20.00MTRR.2015.04	CNO	Establish a NEC 83XX for the C-20D.	Submit NEC request for C-20D (83XX Series). CNAR N7 establish C-20D NEC. N789H3 assist as required. NEC 8392 C-20D Organizational Maintenance Technician Description: Performs organizational level maintenance on the C-20D aircraft. Source Rating: AT, AE, AD, AM, AME Billet Paygrade: E3-E7 Personnel Paygrade: E3-E7 Course: Mandatory CIN: R-102-2016 (AT/AE) R-601-2016 (AD, AM, AME) CDP:C402 (AT/AE) C408 (AD, AM, AME) Sequence Code: 4 Related NEC: None Primary Advisor: CNO N789H Technical Advisor: COMNAVRESFOR	R-601-2017
R-601-2016	C-20D MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8314	6246	C20.02HPRR.2016.001	CNAR	1. NEC manual mandatory course list for NEC 8314. R-601-2017 is Maintenance Initial for C-20D. 2. CIN R-602-2010 should read CIN R-602-2010 - AT/AE 3. NEC manual description of NEC 8314 lists only type aircraft, not model specific to NEC 8314.	CNAR update NEC manual as follows: 1. Change description to C-20G 2. Delete R-601-2017 requirement. 3. Add AE/AT after R-602-2010 4. Create R-602-2010 as stand-alone course. Update NITRAS and CANTRAC if applicable. Notify CNO N789H3 when action complete.	R-601-2017
R-601-2016	C-20D MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8314	6246	C20.02HPRR.2016.002	CNAR	-Pipeline days incorrectly show 23 - Pipeline segment course, C-20D Indoctrination does not exist. -Pipeline NEC listed 83XX -CANTRAC course length listed a 0 days -CANTRAC skill award incorrectly lists C-20G system and NEC 8314.	Chit held in abeyance until CNAR establishes C-20D NEC	R-601-2017

C-40 MAINTENANCE

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN

R-102-4003	C-40A AVIONICS/ELECTRICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AT/AE	8313	N/A	C40.00MTRR.4003.01	CNARF	Tailoring the Avionics/Electrical System training to two (2) 12 day courses.	Status per 08/00 MTRR: In the absence of any data to suggest a Front End Analysis (FEA) and subsequent Job Task Analysis (JTA) was performed, the MTRR Policy Board is limited in its ability to make decisions or recommendations concerning the C-40A Maintenance Training Program. However, a few generalizations/ recommendations can be made: (a) Contracted training courses should be segmented into a logical separation of no more than 12 day periods to allow for SELRES NEC attainment. (b) The contract should provide a mechanism for the evaluation of the effectiveness of training and a means to adjust the curriculum based on the feedback. (c) With the information currently available, the minimal recommended separation of training tracks into an "Avionics/Electrical" (AT/AE) and "Mechanical/Airframes (AD, AM, AME, PR) pipelines. (d) Any references to specific "contractor" by working group action chits is inappropriate. With all this in mind, the following actions are assigned: CNARF: Develop training tracks and applicable NECs for "Avionics/Electrical" and "Mechanical/Airframes" personnel, once courses and training syllabuses are available. OPNAV: Determine applicability of Initial and Career training policy to the C-40A Program. Aug 02 HPRR: Chit to remain open. N789H3 determine applicability of Initial and Career training policy to C-40 program.	R-102-4003

R-102-4003	C-40A AVIONICS/ELECTRICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AT/AE	8313	N/A	C40.02HPRR.4003.001	CNAR	OATMS report states out-of-date and/or improper CIN numbers for C-40 Avionics course. Also, this course is a stand-alone course.	Chit held in abeyance. CNAR review C-40 training and maintenance plans and contract. Report finding to N789H3 for resolution.	R-102-4003
R-102-4003	C-40A AVIONICS/ELECTRICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AT/AE	8313	N/A	C40.99MTRR.ATAE.08	CNARF	Prerequisites pipelines courses.	Ensure NITRAS/CANTRAC includes prerequisites: CDP 624Z; CIN C-100-2018; Avionics Technician O Level Class A1 CDP 625U; CIN C-602-2039; Aviation Electricians Mate Strand Class A1 Status per 08/00 MTRR: Open. CNARF for action. Disapprove elimination of pre-requisite, CNARF will submit NEC revision and ensure CANTRAC/NITRAS data to reflect "A" School not pre-requisite for SELRES. Aug 02 HPRR: Action completed. Close chit.	R-102-4003
R-600-4001	C-40A BOEING 737-700 MAINTENANCE MANAGER COURSE	ALL	0000	N/A	C40.99MTRR.MM.01	CNARF	No general "condensed" course identified for senior personnel.	Establish standalone F1 course, titled "C-40A Boeing 737-700 Maintenance Manager Course". Course length 5 days. Status per 08/00 MTRR: CNARF will assign CIN and CDP to the proposed "C-40A Boeing 737-700 Maintenance Manager Course" once contract is finalized. Aug 02 HPRR: Action still valid. Remain open.	R-600-4001
R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/AME/PR	8313	N/A	C40.00MTRR.4007.02	CNAR	Course requirement for proper Logs/Records Documentation IAW FAR 125.	Research the requirement for a FAR 125 Log Book Documentation course. Aug 02 HPRR: Per 02HPRR, disapprove chit per CNAR and CFLSW. No requirement to FAR 125 Logbook documentation training exists. Chit closed.	R-601-4007

R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8313	N/A	C40.02HPRR.4007.001	CNAR	OATMS report improperly designates this course to be a segment curse. Also, the title and CIN are incorrect (do not match CANTRAC).	Chit held in abeyance. CNAR review training and maintenance plans and contract. Provide finding to N789H3 for resolution.	R-601-4007
R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8313	N/A	C40.02HPRR.4007.002	CNAR	OATMS report improperly designates the C-40 BOEING mech systems course as a segment course. Also, the CIN number for this course does not match the CANTRAC.	Chit held in abeyance. CNAR review training and maintenance plans and contract. Provide findings to N789H3 for resolution.	R-601-4008
R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8313	N/A	C40.02HPRR.4007.003	CNAR	OATMS report improperly designates the C-40A Flight Control rigging course as a segment course. Also, the CIN for this course does not match the CANTRAC.	Chit held in abeyance. CNAR review C-40 training and maintenance plans and contract. Report findings to N789H3 for resolution.	R-602-4009
R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8313	N/A	C40.02HPRR.4007.004	CNAR	The CANTRAC for this course does not match the C-40 Avionics maint training course with regards to prerequisites.	Chit held in abeyance. CNAR review C-40 training and maintenance plans and contract. Report findings to N789H3 for resolution.	R-601-4008
R-601-4007	C-40A MECHANICAL SYSTEMS ORGANIZATIONAL MAINTENANCE PIPELINE	AD/AM/ AME/PR	8313	N/A	C40.99MTRR.ADAM.07	CNO	Career progression program 83XX waiver due to reserve manning structure predominately senior.	CNO (N789H3) review Initial and Career (I & C) policy, C-40 Maintenance Plan, C-40 NTSP for waiver of policy. Status per 08/00 MTRR: Open. Insufficient information and guidance to make decision. Aug 02 HPRR: Chit to remain open. N789H3 respond NLT 1 Oct 02.	R-601-4007

C-130 MAINTENANCE

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
M-102-0451	KC-130 COMMUNICATION S/NAVIGATION SYSTEMS TECHNICIAN	AT	8318	6316	C9C130.02HPRR.0451.001	CNAR	The Identification Friend-or-Foe (IFF) Mode S Transponder with Traffic Alert and Collision Avoidance System (TCAS) is a recent modification to the C-130T platform and its implementation throughout the C-130T community is currently in progress. Our avionics technicians are required to be knowledgeable of the IFF Mode S with TCAS and its elements to properly troubleshoot and maintain this system. If it hasn't already been built into the course, we would like to see the TCAS system added to the AT FREST course curriculum.	No action required. Information being added to course. Refer to C-130 HPRR action chit C130.02HPRR.0451.002	M-102-0451
M-102-0451	KC-130 COMMUNICATION S/NAVIGATION SYSTEMS TECHNICIAN	AT	8318	6316	C9C130.02HPRR.0451.002	CNAR	The AN/ARC-210 UHF/VHF Multimode Communications System is somewhat new to the C-130T platform and its implementation throughout the C-130T community is still in progress. Our avionics technicians are required to be knowledgeable of the AN/ARC-210 and its elements to properly troubleshoot and maintain this system.	No action required. Information already incorporated into course.	M-102-0451
M-601-0412	KC-130 AIRCRAFT MECHANIC	AD	8318	6216	C9C130.02HPRR.0412.001	CNAR	Request more OJT time during the course and more information and training on engine to prop rigging.	Disapproved. Currently has 72.0 hours of training in course C-601-3506A.	M-601-0412

M-602-0462	KC-130 AIRCRAFT PNEUMATIC SYSTEM ORGANIZATIONAL MAINTENANCE	AME	8318	6286	C9C130.02HPRR.0462.001	CNAR	Qualified C-130 maintenance Technicians are unable to attain the NEC identifying them as C-130 qualified without FREST. Many in the fleet were not afforded the opportunity to go to school. Some are CDI's, RJQR qualifiers, even full-systems QAR's. These personnel need to be identified as qualified. FREST is only one step in the training/qualification process.	Disapproved. WWW.EPMAC.NOLA.NAVY.MIL provides information on EPMAC 1221 form submission to EPMAC. NAVEDTRA 135B outlines course challenge procedures.	M-602-0462
M-602-0462	KC-130 AIRCRAFT PNEUMATIC SYSTEM ORGANIZATIONAL MAINTENANCE	AME	8318	6286	C9C130.02HPRR.0462.002	CNAR	SELRES maintenance personnel can currently obtain the NEC by completing CBT (which only exists for one rate) and training by the Mobile Training Team (which does not exist). Previously, the NEC could be awarded based on RJQR completion and OJT, through training by the Mobile Training Team (non-existent), or FREST. FREST is too long for most to attend.	Disapproved. CNAR remove SELRES NEC attainment information from NEC manual. Submit upon completion of CBT training track.	M-602-0462
M-602-0462	KC-130 AIRCRAFT PNEUMATIC SYSTEM ORGANIZATIONAL MAINTENANCE	AME	8318	6286	C9C130.02HPRR.0462.003	CNAR	Request updated environmental system be taught. Course teaches C-130F model, we have C-130T model.	Disapproved. Information already incorporated into course.	M-602-0462

C-9 AIRCREW

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C40.00ATRR.C4FA.001	CNARF	C-40 Flight Attendant (NEC 8289) follow-on training is not well defined in the NTSP (N88-NTSP-A-50-9901/P). There is concern over exactly how post initial training for flight attendants is going to occur.	CFLSW contact C-40 FIT, PMA-2053F, CNARF (N711) and NTSP defined points of contact to answer these training deficiencies.	R-050-C4FA

R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C40.99ATRR.C4FA.03	CNARF	Develop an NEC for C-40A Flight Attendant (does not exist).	CFLSW submit appropriate paperwork to update NAVPERS 18068F (NEC manual) through CNARF (N711) to N889F6.	
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.00ATRR.C9FA.002	CNAR	C-130 crews no longer have Flight Attendants. C-9 Flight Attendants assist with cargo loading.	CNARF submit change to NAVMAC via OPNAAV N889F6 request for NEC 8289 as indicated. Delete C-130 from NEC description. Add Hazardous Material to second sentence so that it reads "Is knowledgeable of passenger/Hazardous Material handling requirements, etc.. Aug 02 HPRR: Action chit still open. CNAR/CFLSW submit letter to OPNAV N789F6 to make change in NEC manual.	R-050-C9FA
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.00ATRR.C9FA.003	CNAR	NEC 8289 lists C-9 and C-130 RBTR's. C-130 Flight Attendants are obsolete.	Remove segment R-050-1500-03 from NEC 8289. Aug 02 HPRR: CNAR/CFLSW submit letter to OPNAV N789F6 to address NAVMAC to make NEC manual change.	R-050-C9FA
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.02HPRR.8289.001	CNAR	Add C-40 TSS to NEC 8289. It is not in the current NEC manual.	No action required. Action completed at last NFOCCS board held aboard NAVMAC, Millington, TN. Changes will be reflected in the Jan 2003 NEC Manual.	R-050-8289

R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.02HPRR.8289.002	CNAR	TSS American Airline Egress school should be extended to 4 days. When added to the pipeline, new members will not have sufficient aircraft familiarization time. The extension of this course will resolve this issue.	CFLSW review American Airlines Egress school and determine if a 2 day extension of course is viable. If so, modify course and submit for approval, via CNAR N7, to OPNAV N789F6 for approval.	R-050-8289
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.02HPRR.8289.003	CNAR	Expand billet and personnel paygrade for NEC 8289.	CFLSW N7: Submit letter to OPNAV N789F6 (via CNAR) to change NEC 8289 paygrades to E-3 to E-9.	R-050-8289
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.99ATRR.C9FA.02	CNAR	Action Chit was modified during the Aug 00 ATRR. Current source ratings for NEC 8289 need to be updated.	CNARF N711 will submit NITRAS and CANTRAC changes to N889F6 for manual changes. AUG 00 ATRR: CFLSW review current source rates and align with crew position. Forward recommendations to CNARF for endorsement. CNARF forward to OPNAV N889F for approval.	
R-050-8289	C-9/C-20/C-37/C-40 LOADMASTER/TRANSPORT SAFETY SPECIALIST EMERGENCY EGRESS SCHOOL	AO, AM, AME, AE, MS, AD, AK, AT, AZ, PR, AB, ABH, ABF	8289	0000	C9.99ATRR.C9FA.03	CNAR	Action Chit was modified during the Aug 00 ATRR. No pipeline exist for C-9 Flight Attendant. 1. American Airlines Cabin Emergency Procedures School, Fort Worth, TX. 2. Hazardous Material handlers Course, Fort Worth, TX.	Remove Hazardous Material course from pipeline. Readdress after HAZMAT course is developed and being taught by CFLSW.	R-050-C9FA

R-050-C9CC	C-9B CREW CHIEF	AE, AD, AM, AME, AT, AF, AV	8250	0000	C9.00ATRR.C9CC.001	CNO	No CIN / CDP exists for the Flight Safety Boeing (C-9) Crew Chief: Initial) course (2 weeks) taught at St. Louis. Not having a CIN/CDP has a negative impact on planning a budget for C-9 Crew Chief future training.	CFLSW/CNARF/OPNAV (N889F6) work together to assign a CIN and CDP for FSB C-9 Crew Chief Initial course. Aug 02 HPRR: CIN/CDP established. R-050-8250 / 741H. Update OATMS and archive action chit.	
R-050-C9CC	C-9B CREW CHIEF	AE, AD, AM, AME, AT, AF, AV	8250	0000	C9.00ATRR.C9CC.002	CNAR	Formal maintenance training currently is not required for initial qualification as a C-9 Crew Chief. Previous experience (other aircrew position) isn't adequate as a prerequisite to be a Crew Chief.	CFLSW investigate the changing of Scott AFB C-9 course to meet C-9 Crew Chief needs. Pass results on to CNARF (N711) and establish pipeline for NEC 8250 as appropriate. Aug 02 HPRR: Refer to C-9 maintenance action chit for final action status.	
R-050-C9CC	C-9B CREW CHIEF	AE, AD, AM, AME, AT, AF, AV	8250	0000	C9.02HPRR.C9CC.001	CNAR	Allow "AW" as source rate for NEC 8289 and NEC 8278 billets.	Disapproved. Current inventory of "AW" personnel verses current "AW" manpower requirements cannot allow for NEC 8289/8278 billet assignments at this time.	R-050-C9CC
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C40.00ATRR.C4LM.001	CNARF	C-40 Load Master (NEC 8278) follow-on to initial training in the NTSP (N88-NTSP-A-50-9901/P). There is concern over exactly how post-initial training for flight attendants is going to occur.	CFLWS contact C-40 FIT, PMA-2053F, CNARF (N711) and NTSP defined points of contact to answer these training deficiencies.	R-050-C4FA
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.00ATRR.C4LM.002	CNARF	NEC 8278; RBTR lists R-553-3000-01, R-553-3000-02 and R-553-3000-03. Only R-533-3000-01 and R-553-3000-02 should be listed. R-553-3000-03 deals with C-130 specific training. No longer applicable.	CNARF (N711) request from N889F6 deletion of segment R-533-3000-03 from NEC 8278.	R-050-C4LM
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.02HPRR.3000.001	CNAR	NEC 8278 Source Rating list is incomplete. Need changes to match NEC 8278 to NEC 8289 requirements. Also need caveat for SELRES.	CFLSW N7: Submit letter to OPNAV N789F6 (via CNAR) requesting change to NEC manual. Add: AZ, MS, ABE, ABF, PR to source ratings. Add note: "AB, AV, AF, ABH, ABE, ABF for SELRES only"	R-553-3000

R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.99ATRR.C4L3.11	CNARF	No CAT III transition course exists for the C-130 Loadmaster (NEC not yet assigned) to C-9/C-20/C-40 (NEC 8278).	CFLSW submit TPP/TCCD through chain of command to N889F6 for approval. Change NEC upon approval. Load into NITRAS/CANTRAC.	R-553-3000
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.99ATRR.C4LM.002	CNARF	No pipeline exist for C-9/C-20/C-40 "Loadmaster".	CFLSW develop and submit POA&M through the chain of command to N889F6 to update NAVPERS 18068F (NEC manual). Completion of this pipeline awards NEC 8278.	R-553-3000
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.99ATRR.C4LM.05	CNARF	No CIN's exist for C-9/C-20/C-40 "Loadmaster" school, "Hazardous Material Handlers" course and "American Airlines Cabin Emergency Procedures" school to establish a "Loadmaster" pipeline for NEC 8278. Perquisites: 3 weeks - CFLSW Loadmaster School (2 weeks) - Hazardous Material Handlers course (3 days) - American Airlines Cabin Crew course (2 days) NOTE: C-9 put in action chit for CIN for American Airlines course.	1. CNARF to change NEC manual. 2. Submit HAZMAT TPP/TCCD to N889F6 through chain of command.	R-553-3000
R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.99ATRR.C4LM.06	CNARF	8278 Loadmaster NEC training requirements are not sufficient to meet flying requirements. No pipeline for C-9/C-20/C-40 loadmaster position exists. Duplicate action.	CFLSW will submit TPP/TCCD and develop training curriculum to OPNAV N889F6 via CNARF N711. N889F6 assign CIN upon approval.	R-553-3000

R-553-3000	FIXED WING LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ	8278	0000	C9.99ATRR.C4LM.07	CNARF	Need to make changes to the Loadmaster source rate changes: Current - AD, AM, AME, AMH, AMS, AG, ABH, AO, AT, AB, AF, AV	CNARF (N711) submit change to N889F6 the following change to NEC 8278 Source Rating: ADD: ABF and ABE DELETE: AMH and AMS (rate was combined to AM) Add the following note to NEC 8278: Source rating ABF and ABE are for SELRES personnel only.	R-553-3000

C-20 AIRCREW

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.00ATRR.C2CC.001	CNARF	Note does not specify maintenance initial.	CNARF (N711) submit NEC manual change to NAVMAC via N889F6 as indicated. Note should read: "NEC 8245 awarded upon completion of G-III Maintenance Initial." For C-20D "NEC 8245 awarded upon completion of G-IV Maintenance Initial" for C-20G.	C-20-C2CC
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.02HPRR.C2CC.001	CNAR	C-37 aircraft are not included in the 8245 job title.	Aug 02 HPRR: Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	

C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.02HPRR.C2CC.002	CNAR	C-37 aircraft are not included in the NEC 8245 job description.	Aug 02 HPRR: Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.02HPRR.C2CC.003	CNAR	No CIN or CDP listed for NEC 8245.	Aug 02 HPRR: Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.02HPRR.C2CC.004	CNAR	No "AT" available in source ratings.	CFLSW Submit letter to OPNAV N789F6 via CNAR N7 requesting addition of "AT" to NEC 8245 source ratings.	
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.02HPRR.C2CC.005	CNAR	Note no longer needed.	CFLSW Submit letter to OPNAV N789F6 via CNAR N7 to remove note from NEC 8245.	
C-20-C2CC	C-20 Crew Chief CAT I Pipeline	AD, AM, AE, AME, AMS, AT, AF, AV, AMH	8245	0000	C20.99ATRR.C2CC.05	CNARF	NAVPERS 18068F (NEC manual) is "Course Mandatory" for NEC 8245. Need CIN and CDP for appropriate Flight Safety International course.	1. CFLSW obtain course outline for BOTH G III and G IV courses and correct FSI course title and submit via chain of command to OPNAV N889F6. 2. OPNAV N89F6 assign CIN as appropriate. 3. CNARF N711 assign CDP upon entry into NITRAS.	
R-050-C2FA	Flight Attendant	AO, AM, AME, AMS, AE, MS, AD, AK, AT, AZ	8289	0000	C20.00ATRR.C2FA.001	CNO	NEC 8289 Flight Attendant assigned to VR-1 flying C-20D aircraft has no formal training pipeline to award the NEC 8289. Flight Attendant's need to increase culinary and flight skills. Refer to C20.99ATRR.C2FA.09	OPNAV (N889F6) arrange meeting with VR-1, NAVPERS 404E and MS PERS Code to align MS NAO program.	R-050-C2FA

R-050-C2FA	Flight Attendant	AO, AM, AME, AMS, AE, MS, AD, AK, AT, AZ	8289	0000	C20.00ATRR.C2FA.002	CNO	NEC manual does not reflect C-20 aircraft for the NEC 8289 Flight Attendant description.	During meeting in Millington, discuss MS personnel as 8289s in C-20, update manual with correct MS NEC vice Aircrew NEC for C-20 F/A.	R-050-C2FA
R-050-C2FA	Flight Attendant	AO, AM, AME, AMS, AE, MS, AD, AK, AT, AZ	8289	0000	C20.02HPRR.C2FA.001	CNAR	Course requirements for NEC 8289 NEC is "OJT".	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
R-050-C2FA	Flight Attendant	AO, AM, AME, AMS, AE, MS, AD, AK, AT, AZ	8289	0000	C20.02HPRR.C2FA.002	CNAR	C20/C37 aircraft are not included in the NEC 8289 job description.	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
R-050-C2FA	Flight Attendant	AO, AM, AME, AMS, AE, MS, AD, AK, AT, AZ	8289	0000	C20.02HPRR.C2FA.003	CNAR	No CIN or CDP numbers for C-20, C-37 Transport Safety Specialist.	CFLSW/VR-1: Create C-20/C-37 TSS course from FSI course (Gulfstream Cabin Emergency Egress course) and submit to OPNAV N789F6 via CNAR N7 for approval and CIN/CDP assignment.	

C-37 AIRCREW

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-050-8265	C-37A COMM OPERATOR		0000	0000	C37.02HPRR.8265.001	CNAR	Training track not presently assigned to C-37 communication system Operators	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	

R-050-8265	C-37A COMM OPERATOR		0000	0000	C37.02HPRR.8265.002	CNAR	Course CIN and CDP are not presently assigned to C-37 Communication System Operators.	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
R-050-8265	C-37A COMM OPERATOR		0000	0000	C37.02HPRR.8265.003	CNAR	Course reads "OJT"	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	
R-050-8265	C-37A COMM OPERATOR		0000	0000	C37.02HPRR.8265.004	CNAR	C-37 aircraft are not included in the NEC 8265 job description.	No action required. Action completed at last NEOCCS board held aboard NAVMAC, Millington, TN. Change will be reflected in Jan 2003 NEC manual.	

C-40 AIRCREW

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.001	CNAR	Pipeline CIN and CDP for C-40A Crew Chief need to be established by OPNAV	CFLSW N7: Develop and submit C-40A Crew Chief pipeline (CAT I) curriculum to OPNAV N789F6 (via CNAR) for approval. Upon approval, CIN/CDP will be established.	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.002	CNO	NEC and NEC title need to be added to OATMS.	CNO N789F6: Update OATMS database with NEC 8209 and NEC title C-40A Crew Chief.	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.003	CNO	Update OATMS with the following changes: - Add NEC 8209 to Skill Add segment courses R-603-5005/691M and R-603-5006/692G.	CNO N789F6: Update OATMS to reflect correct information.	

R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.004	CNAR	NITRAS reflects incorrect instructional days (10) and total length for course (12) for R-603-5004.	CNAR N7: Change NITRAS database to reflect correct instructional and total course length days for R-603-5005. Should read 12 Instructional days, 16 "P" days and 2.4 weeks.	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.005	CNAR	NITRAS reflects incorrect instructional days (10) and total length for course (12) for R-603-5006.	CNAR N7: Change NITRAS database to reflect correct instructional and total course length days for R-603-5006. Should read 12 Instructional days, 16 "P" days and 2.4 weeks.	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.006	CNAR	AME is not a source rate for NEC 8209. Sequence Code 4 is incorrect. Component NEC 8250 and 8278 are not actually components of NEC 8209. NEC 8201 is not shown as a component NEC.	CFLSW N7: Submit letter to OPNAV N789F6 (via CNAR) to incorporate the following changes for NEC 8209: Add "AME" as source rate Change sequence code to "3" Change component NEC to 8201 (delete 8278 and 8289 as component NECs).	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.007	CNAR	Crew Chiefs are assigned the current pipeline courses due to a policy of piggybacking on to the existing 2 courses developed for maintenance personnel (NEC 8313). This 6 day per week / 8.5 hours per day format creates an unsat learning atmosphere when sent to classes back-to-back (4 weeks) and the 2 courses contain a great deal of redundancy.	CFLSW N7: Conduct feasibility study to determine if stand-alone, non-segmented course can be developed that incorporates maintenance and aircrew specific training for C-40 Crew Chief (CAT I) personnel. Submit findings to CNAR N7.	
R-050-C4CC	C-40A CREW CHIEF CATEGORY I PIPELINE	AD, AM, AE, AME, AT, AF, AV	0000	0000	C40.02HPRR.C4CC.008	CNAR	Crew Chiefs complete pipeline training with no operational training in the cockpit with pilots. This creates a big deficit in the training continuum when crew chiefs need cockpit familiarization and checklist procedures training. Emergency procedures are taught only on the ground.	CFLSW N7: Investigate and determine if attendance by C-40 Crew Chief (CAT I) personnel to CAE's pilot initial or pilot refresher training should be incorporated into C-40A Crew Chief (CAT I) Pipeline that is under development. submit findings to CNAR N7.	

C-130 AIRCREW

CIN	TITLE	RATE	NEC	MOS	ACTION ITEM	CMD	ISSUE	ACTION TASK	ACTION CIN
R-050-0401	C-130 LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	8220	0000	C130.00ATRR.C3LM.001	CNAR	New NEC 8220, C-130 Loadmaster has been established. A pipeline awarding this NEC needs to be established.	Develop and submit up chain of command, a training pipeline consisting of the following courses: Pipeline R-050-04XX/CDP = Awards 8220 Segment R-050-04YY (2LM course) in-work R-050-0401 (C-130 Loadmaster course) Complete R-050-XXXX (HAZMAT course) under development.	R-050-C3LM
R-050-0401	C-130 LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	8220	0000	C130.00ATRR.C3LM.002	NAVMAC	Presently personnel holding NEC 8278 will have to attend the C130 loadmaster school under the new C-130 loadmaster NEC 8220.	CFLSW: Submit to NAVMAC, via CNARF (N711) this recommended change to the NEC manual. E-mail is acceptable. Quote the OATMS Action Item number when submitting this change.	R-050-C3LM
R-050-0401	C-130 LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	8220	0000	C130.00ATRR.C3LM.003	CNAR	Lack of Instructors in the C-130 Loadmaster school in NAS Ft. Worth. Presently has 1 instructor.	CNARF (N1) and CFLSW work together to establish these NEC 8220/9502 billets to train this new requirement. Aug 02 HPRR: Chit to remain open. Billets authorized but not funded. Billet is authorized on EDVR, but not funded for a required fill. Billet must be funded to fulfill this action chit requirement. AWCM May	R-050-C3LM

R-050-0401	C-130 LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	8220	0000	C130.02HPRR.0401.001	CNAR	THIS IS A GENERAL ACTION ITEM CHIT Recommend the placement of emergency equipment at each command and LM schoolhouse. - MB-9 Parachute (total 5) - CWU-60 Anti-Exposure suits (total 5) - LRU-20 Life Raft (total 5)	CFLSw coordinate with CNAR N7 to procure training devices to support C-130 Loadmaster/Second Loadmaster training at CFLSW schoolhouse.	
R-050-0401	C-130 LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	8220	0000	C130.02HPRR.0401.002	CNAR	Recommend addition of AZ/AK/PR Source Rate to NEC 8220.	CFLSW submit letter to OPNAV N789F6 to change NEC manual to reflect the addition of AZ/AK/PR Source Rating to NEC 8220.	
R-050-0402	C-130 SECOND LOADMASTER	AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	0000	0000	C130.02HPRR.0402.001	CNAR	Recommend source rating for NEC 8220 and 8208 match. AD, AM, AME, AE, ABH, AO, AT, AB, AF, AV, AK, AZ, PR	CFLSW submit letter to OPNAV N789F6 to change NEC manual to match 8208 NEC source rates to NEC 8220 source rates.	
R-050-8206	C-130 SECOND FLIGHT ENGINEER COURSE	AD, AE, AM, AMS	8206	0000	NONE	(BLANK)		THERE ARE NO OPEN ACTIONS ITEMS AGAINST THIS REQUIREMENT.	

R-050-C3F1	C-130T FLIGHT ENGINEER PIPELINE	AD, AM, AE, AME	8252	0000	C130.00ATRR.C3F1.001	CNAR	No pipeline exists for FE.	Establish pipeline R-050-3500 that will award NEC 8252. Pipeline will consist of the following segment courses: 1. R-050-3501 - course for 2FE, currently under development by CFLSW. 2. Assign to ultimate destination under account category "350" status for Ground/Flight training. 3. C-050-3502 - FE Ground Maintenance course 4. R-050-3502 - Simulator training derived from course M-050-0419. NOTE: All "R" CINs need to be assigned upon approval of pipeline.	R-050-C3F1
R-050-C3F1	C-130T FLIGHT ENGINEER PIPELINE	AD, AM, AE, AME	8252	0000	C130.00ATRR.C3F2.001	CNAR	Need Billets for Second Flight Engineer program both TAR and SELRES.	When all NECs are in place, determine FE and 2FE billets as required. Aug 02 HPRR: Chit to remain open. Per original policy decision, CFLSW determine FE/2FE split. CFLSW investigate TAR 2FE feasibility per request. CFLSW submit letter to OPNAV N789F6 (via CNAR N7) to change NEC manual. Add "AV" and "AF" to source rates for the NEC 8252 and reflect paygrade to E-9.	R-050-C3F2
R-050-C3F1	C-130T FLIGHT ENGINEER PIPELINE	AD, AM, AE, AME	8252	0000	C130.00ATRR.C3F2.002	CNAR	Instructor required to teach Second Flight Engineer course.	CFLSW and CNARF (N711) establish billet to instruct this course.	R-050-C3F2

R-050-C3FE	C-130T FLIGHT ENGINEER	AD, AM, AE, AME	8252	0000	C130.99ATRR.C3FE.01	CNAR	Action Chit modified during Aug 00 ATRR. There is no pipeline for the C-130T Flight Engineer.	CFLSW, CNARF (N1, N7 and N3) develop a POA&M to establish requested training. It is intended to establish this training at VMGRT-253 (FREST) Cherry Point N.C. Submit completed/ approved POA&M to N889F6 for development of NEC pipeline.	