



DEPARTMENT OF THE NAVY
CHIEF OF NAVAL AIR TRAINING
250 LEXINGTON BLVD SUITE 102
CORPUS CHRISTI TX 78419-5041

Canc frp: Mar 15

CNATRANOTE 1542.162
N711
3 Mar 14

CNATRA NOTICE 1542.162

Subj: AEROSPACE MEDICINE SPECIALIST (AMS) FIXED-WING CURRICULUM

Ref: (a) CNATRAINST 1542.162
(b) COMTRAWING SIX ltr 1542 Ser 00/074 of 06 Feb 14
(c) CNATRAINST 1500.4G
(d) CNATRANOTE 1542 Ser N711 of 09 APR 13 (Canc: May 14)
(e) CNATRAINST 1550.6E

Encl: (1) AMS Fixed-Wing Course Flow Diagram
(2) AMS Contact Stage MIF Table

1. Purpose. This notice directs utilization of reference (a), as modified below, in the training of Aerospace Medicine Specialists and incorporates changes requested in reference (b). Conduct training in accordance with reference (c).

2. Cancellation. This notice cancels and supersedes reference (d).

3. Syllabus Description. This syllabus is designed to provide the AMS student with the initial rigors experienced by student aviators, introduction to the identical syllabus up through C4002 (less Meteorology G1001-G1009), and the opportunity to obtain the same basic skills obtained by student aviators to the point of the second contact flight event (C4002). The flights conducted after the contact flight events are then designed to provide exposure to basic fixed-wing instruments, night, and formation operations.

4. Course data. Utilize reference (a) with Course ID Number (CIN): AMS - Aero Med Spec, Q-2A-1685; Course Data Processing Code (CDP): 11R0 (VT-10) for the Aerospace Medicine Specialist (AMS) training.

a. Due to the unique nature and time constraints of this course, the Time-to-Train (TTT) calculations contained in reference (e) are modified, for this syllabus only. Training days corrected for weather (Tw) shall be rounded up to the nearest whole day.

b. Course length: 25.4 Training Days, 39.4 Calendar Days, 5.6 Calendar Weeks.

c. Course Hours: 16.25 (Administration), 93.0 (Ground Training), 20.0 (Flight Support), 6.0 (Simulator), 7.0 (Aircraft).

5. Event list

a. To meet this requirement, the following events contained in reference (a), Primary 1 and Primary 2 tracks, shall constitute the course of instruction for the AMS Fixed-Wing Curriculum: G0101-9, G0201-2, G0301-3, G0401, G0501-3, G0601-5, G1101-16, G1201-14, G1301-15, C0101-7, C1001, C2001-3, G1402-4, I3001, C4001-2, G1501-2, G1504-6, I4001, F0101-3 and F4001 or I4002.

b. Those events not listed above in the Primary 1 and Primary 2 Course flow will be administratively waived in order to accomplish the AMS Fixed-Wing training.

c. The following non-syllabus events shall be included as Administration in TTT calculations: Student Admin (0.5 hrs), TRANET Setup (0.5 hrs) and Flight Gear Issue (1.0 hrs).

d. Events not completed may be waived by the NAMI Director of Academics (code 35).

6. Grading and MIF

a. Students must receive a passing grade on all academic tests to proceed.

b. AMS student shall not be responsible for providing flight plan, weather and weather brief information as they do not complete the meteorology or flight planning classes.

c. For AMS Contact simulator and flight events utilize the MIF table in enclosure (2).

d. For events I3001, I4001, I4002 and F4001, General Knowledge/Procedures shall be graded to a MIF of "3+". Remaining graded items will be demonstrated by the instructor pilot and receive a MIF of "1".

7. Syllabus Notes and Restrictions

a. All sim/flight events. Students should be given the opportunity to attempt to perform all maneuvers practicable at the discretion of the instructor pilot.

b. C4001. Aerobatic Flight shall be a discuss item. AMS students shall be exposed to aerobatic flight maneuvers.

c. I4002 and F4001. I4002 may be substituted for F4001 as required for weather or instructor availability.

d. I4001, I4002 and F4001. AMS students shall fly a minimum of 1.0 hours of night time. The night requirement may be completed on I4001 (or I4002 if substituted for F4001).

8. Unsatisfactory Performance. This syllabus is designed to the same standards as the student Naval Flight Officer enrolled in the SNFO curriculum up through the C4002 contact flight event. In the unlikely event that performance is unsatisfactory and remediation would lead to an excessive time to train, TW-6 shall notify the NAMI Director of Academics (code 35) for further direction.

9. Prerequisites. Prerequisites shall be IAW reference (a) except as follows: For G1402-4, G1501-2, and G1504-6 (in order) and F0101-3, see flowchart; C2003 prior to C1001 and I3001; G1402-4 prior to I3001; I3001 and G1506 prior to I4001; C4002, I4001, and F0101-F0103 prior to F4001; and G0107 and I4002 or F4001 prior to G0109.

10. Point of Contact. LCDR Rob Tidball, N711 at DSN 861-1597, (361) 961-1597 or email at robert.h.tidball@navy.mil; or LCDR Don Taylor, N712 at DSN 861-3903, (361) 961-3903 or email at donald.o.taylor@navy.mil.

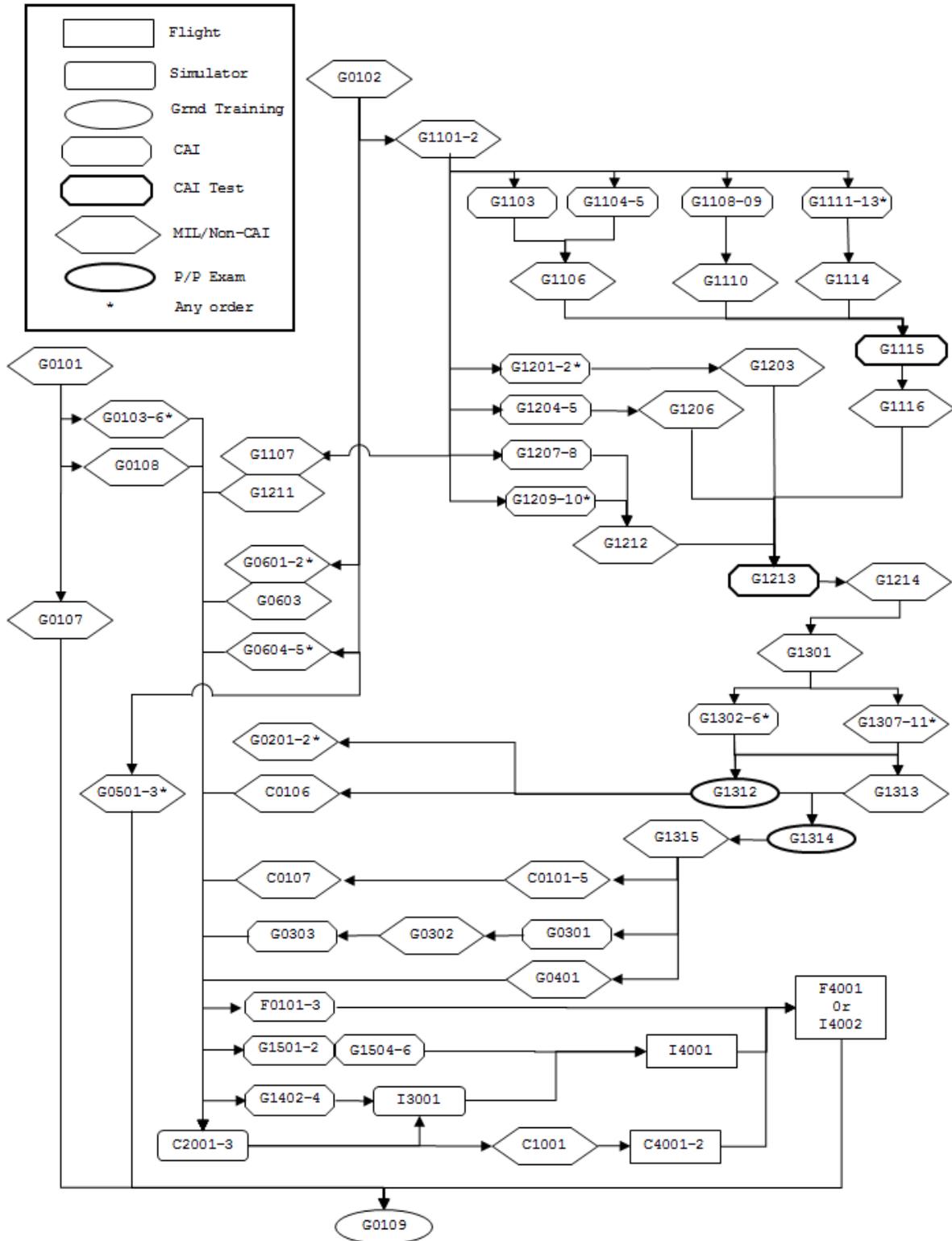
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11. Cancellation Contingency. This Notice shall remain in effect until the cancellation date, until superseded by an updated Notice with the same subject, or cancelled by instruction.

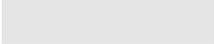
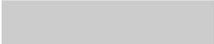
S. D. JONES
Chief of Staff

Distribution:
CNATRA Sharepoint

AMS FIXED-WING COURSE FLOW



Contact Stage MIF

 Simulator/Device Event
 Check Ride Event
 CTS REF "N" = NATOPS

CTS REF	MANEUVER	C2003	C4002
1	General Knowledge/Procedures	3+	3+
2	Emergency Procedures		3+
3	Headwork/Situational Awareness		3+
4	BAR		3+
N	Strap-In/Interior Inspection	3+	
8	Ground Procedures		3+
9	Radio Procedures	3+	3+
N	Engine Start	3+	
N	Start Malfunctions	3+	
N	Fire Warning on the Ground	3+	
N	Emergency Ground Egress	3+	
N	Before Taxi/Taxi Checklists	3+	
N	Overspeed Governor Check	3+	
N	Before Takeoff/Lineup Checks	3+	
N	Takeoff Abort	3+	
N	Emergency Engine Shutdown (Ground)	3+	
10	Takeoff		3+
11	Departure		3+
N	After Takeoff/Climb Checklists	3+	
N	Operations Check	3+	
12	In-Flight Checks		3+
13	Use of Controls/Trim		3+
14	Basic Transitions		3+

MIF continued on next page.

CTS REF	MANEUVER	C2003	C4002
15	Visual Scan/Lookout Doctrine		3+
17	In-Flight Planning/Area Orientation		3+
18	Level Speed Change		3+
19	Turn Pattern		3+
20	Power-Off Stall		3+
21	Approach Turn Stall		3+
22	Spin		3
23	Simulated Power Loss		3
24	PPEL		3
N	Descent/Before Landing Checklists	3+	
25	Landing Pattern		3+
26	Landings		2+
27	Go Around/Waveoff		3+
N	After Landing/Engine Shutdown Checklists	3+	
N	Uncommanded Propeller Feather	3+	
N	Engine Failure During Flight	3+	
N	Compressor Stalls	3+	
N	PMU Failure	3	
N	Fire Warning in Flight	3+	
N	Generator/Battery Bus Failure	3	
N	Low Fuel Pressure	3+	
N	OBOGS Inoperative	3	
N	Smoke or Fume Elimination	3+	
N	Oil System Malfunctions	3+	

MIF continued on next page.

CTS REF	MANEUVER	C2003	C4002
N	Use of Canopy Fracturing System	3+	
28	Course Rules		3+
N	Hydraulic Malfunctions	3	
N	Trim System/TAD Failure	3	
N	Canopy Unlocked	3	
N	Ejection	3+	
N	Inadvertent Departure From Controlled Flight	3+	
N	Landing Gear Emergency Extension	3+	
N	Emergency Landing Pattern	3+	
N	Precautionary Emergency Landing	3+	
	Special Syllabus Requirements		1