UNCLASSIFIED

DTG: 082100Z APR 96

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Releaser's Info : ROBIN E. SCOTT, COL, 19AF/DO

Action Prec : ROUTINE
Info Prec : ROUTINE
Specat :

From: 19AF RANDOLPH AFB TX//DO//
To: ZEN 120G RANDOLPH AFB TX//CC/CCV//
140G COLUMBUS AFB MS//CC/CCV//
470G LAUGHLIN AFB TX//CC/CCV//
640G REESE AFB TX//CC/CCV//
710G VANCE AFB OK//CC/CCV//
80FTW SHEPPARD AFB TX//DO/DOV//
Info: ZEN HQ AETC RANDOLPH AFB TX//XOT/XOTI//
ZEN 619TRSS RANDOLPH AFB TX//CC/IDF//
HQ ACC LANGLEY AFB VA//DOVT//

TEXT FOLLOWS

UNCLAS

SUBJ: IMC 96-1 TO MCMAN 11-238 VOL I AND AETCM 3-3, VOL II
REF 19AF RANDOLPH AFB TX//DO// MSG 301049Z JAN 96

1. MAKE THE FOLLOWING WRITE-IN CHANGES TO MCMAN 11-238:

A. AFTER PARAGRAPH 6.5.1., ADD NEW PARAGRAPH 6.5.2 TITLED, "RECOVERY SETUP GUIDELINES".

B. ADD THE FOLLOWING TEXT:

6.5.2.1. DURING ANY ABNORMAL FLIGHT RECOVERY SETUP, IP VIGILANCE IS PARAMOUNT. DO NOT COMPROMISE SAFE FLIGHT DURING IP DEMONSTRATION OR STUDENT PERFORMANCE OF RECOVERY TRAINING. IN ALL SITUATIONS WHERE TRANSFER OF AIRCRAFT CONTROL IS INVOLVED, IT WILL BE IAW MCI 11-238, PARA 3.8. TRANSFER OF AIRCRAFT CONTROL.

6.5.2.2. ABNORMAL FLIGHT RECOVERY TRAINING SHOULD BE THOUGHT OF IN THREE PHASES OF PROFICIENCY. THESE PHASES ARE NOT NECESSARILY LINKED TO A PARTICULAR BLOCK OF TRAINING, BUT ARE LINKED TO THE STUDENT'S FLYING ABILITIES AND SITUATIONAL AWARENESS. THESE PHASES ARE:

6.5.2.2.1. INITIALLY, THE IP WILL DEMONSTRATE AND FLY THE COMPLETE SETUP AND RECOVERY WHILE DELIVERING APPROPRIATE VERBAL INSTRUCTION. ONCE THE STUDENT HAS SEEN THE RECOVERY DEMONSTRATED AND HAS A BASIC GRASP OF WHY THE RECOVERY TRAINING IS PERFORMED, THE IP WILL BEGIN SETTING UP RECOVERY SITUATIONS FOR THE STUDENT AND TALKING HIM/HER THROUGH THE RECOVERY PROCEDURES.

6.5.2.2.2. WHEN THE STUDENT SHOWS PROFICIENCY IN THE RECOVERY PROCEDURES, THE IP WILL THEN BEGIN SETTING UP OBSERVABLE SITUATIONS REQUIRING AN ABNORMAL FLIGHT RECOVERY. WHEN THE SETUP IS COMPLETELY DEVELOPED, THE IP WILL TRANSFER CONTROL OF THE AIRCRAFT TO THE STUDENT USING THE VERBAL COMMAND, "YOU HAVE THE AIRCRAFT -- RECOVER." THE STUDENT WILL TAKE THE AIRCRAFT AND RECOVER FROM THE ABNORMAL ATTITUDE.

6.5.2.2.3. ONCE THE STUDENT HAS SEEN ALL THE DIFFERENT TYPES OF SETUPS AND CAN CONFIDENTLY AND PROFICIENTLY RECOVER FROM VARIOUS SITUATIONS, THE IP WILL SET UP THE ABNORMAL FLIGHT RECOVERIES RANDOMLY THROUGHOUT THE AREA PROFILE. ONCE THE SETUP IS COMPLETE, THE IP WILL DIRECT THE STUDENT TO TAKE THE AIRCRAFT WITH, "YOU HAVE THE AIRCRAFT." THE STUDENT WILL TAKE THE AIRCRAFT WITH PROPER TRANSFER PROCEDURES AND RECOVER IN THE APPROPRIATE MANNER.

6.5.2.3. ONCE A STUDENT LEARNS THE CORRECT STICK AND THROTTLE INPUTS, BUILDING THE JUDGEMENT AND ABILITY TO RECOGNIZE ABNORMAL FLIGHT AND RECOGNIZE THE NEED TO ACCOMPLISH AN ABNORMAL FLIGHT RECOVERY BECOMES PARAMOUNT. THE IP SHOULD CONCENTRATE ON DEVELOPMENT OF THE STUDENT'S SITUATIONAL AWARENESS.

C. CHANGE NUMERICAL SEQUENCE OF OLD PARAGRAPH 6.5.2. TO 6.5.3. ALL SUB-PARAGRAPHS WILL BE CHANGED TO REFLECT THE NEW NUMERICAL SEQUENCE.

D. CHANGE NUMERICAL SEQUENCE OF OLD PARAGRAPH 6.5.3. TO 6.5.4. ALL SUB-PARAGRAPHS WILL BE CHANGED TO REFLECT THE NEW NUMERICAL SEQUENCE.

E. CHANGE NUMERICAL SEQUENCE OF OLD PARAGRAPH 6.5.4. TO 6.5.5.

2. MAKE THE FOLLOWING WRITE-IN CHANGES TO AETCM 3-3, VOL II

A. DELETE PARAGRAPH 5.8.2.

B. ADD NEW PARAGRAPH 5.8.2. TITLED, "RECOVERY SETUP GUIDELINES"

C. ADD THE FOLLOWING TEXT:

5.8.2.1. DURING ANY ABNORMAL FLIGHT RECOVERY SETUP, IP VIGILANCE IS PARAMOUNT. DO NOT COMPROMISE SAFE FLIGHT DURING IP DEMONSTRATION OR STUDENT PERFORMANCE OF RECOVERY TRAINING. IN ALL SITUATIONS WHERE TRANSFER OF AIRCRAFT CONTROL IS INVOLVED, IT WILL BE IAW PARAGRAPH 1.15 OF THIS MANUAL.

5.8.2.2. ABNORMAL FLIGHT RECOVERY TRAINING SHOULD BE THOUGHT OF IN THREE PHASES OF PROFICIENCY. THESE PHASES ARE NOT NECESSARILY LINKED TO A PARTICULAR BLOCK OF TRAINING, BUT ARE LINKED TO THE STUDENT'S FLYING ABILITIES AND SITUATIONAL AWARENESS. THESE PHASES ARE:

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5.8.2.2.1. INITIALLY, THE IP WILL DEMONSTRATE AND FLY THE COMPLETE SETUP AND RECOVERY WHILE DELIVERING APPROPRIATE VERBAL INSTRUCTION. ONCE THE STUDENT HAS SEEN THE RECOVERY DEMONSTRATED AND HAS A BASIC GRASP OF WHY THE RECOVERY TRAINING IS PERFORMED, THE IP WILL BEGIN SETTING UP RECOVERY SITUATIONS FOR THE STUDENT AND TALKING HIM/HER THROUGH THE RECOVERY PROCEDURES.

5.8.2.2.2. WHEN THE STUDENT SHOWS PROFICIENCY IN RECOVERY PROCEDURES, THE IP WILL THEN BEGIN SETTING UP OBSERVABLE SITUATIONS REQUIRING AN ABNORMAL FLIGHT RECOVERY. WHEN THE SETUP IS COMPLETELY DEVELOPED, THE IP WILL TRANSFER CONTROL OF THE AIRCRAFT TO THE STUDENT USING THE VERBAL COMMAND, "YOU HAVE THE AIRCRAFT -- RECOVER." THE STUDENT WILL TAKE THE AIRCRAFT AND RECOVER FROM THE ABNORMAL ATTITUDE.

5.8.2.2.3. ONCE THE STUDENT HAS SEEN ALL THE DIFFERENT TYPES OF SETUPS AND CAN CONFIDENTLY AND PROFICIENTLY RECOVER FROM VARIOUS SITUATIONS, THE IP WILL SET UP THE ABNORMAL FLIGHT RECOVERIES RANDOMLY THROUGHOUT THE AREA PROFILE. ONCE THE SETUP IS COMPLETE, THE IP WILL DIRECT THE STUDENT TO TAKE THE AIRCRAFT WITH, "YOU HAVE THE AIRCRAFT." THE STUDENT WILL TAKE THE AIRCRAFT WITH PROPER TRANSFER PROCEDURES AND RECOVER IN THE APPROPRIATE MANNER.

5.8.3. ONCE THE STUDENT LEARNS THE CORRECT STICK AND THROTTLE INPUTS, BUILDING THE JUDGEMENT AND ABILITY TO RECOGNIZE ABNORMAL FLIGHT AND RECOGNIZE THE NEED TO ACCOMPLISH AN ABNORMAL FLIGHT FLIGHT RECOVERY BECOMES PARAMOUNT. THE IP SHOULD CONCENTRATE ON DEVELOPMENT OF THE STUDENT'S SITUATIONAL AWARENESS.

3. THIS IS A COORDINATED 19 AF / AETC/XOTI MESSAGE. IMPLEMENT THIS IMC BY FCIF. 19 AF POC FOR T-38 AIRCRAFT IS MAJOR MARK SCHROER, DSN: 487-6422, (E-MAIL: SCHROERM.19AF@SCLAN.AETC.AF.MIL); T-37 POC IS MAJOR GARRY BACCUS AT THE SAME TELEPHONE NUMBER, (E-MAIL: BACCUSG.19AF@SCLAN.AETC.AF.MIL).