



DEPARTMENT OF THE NAVY
TRAINING SQUADRON THIRTY-ONE (VT-31)
501 BATAAN STREET SUITE B
CORPUS CHRISTI TX 78419-5249

VT31INST 3710.1U
TRAINING

15 SEP 2009

TRAINING SQUADRON THIRTY-ONE INSTRUCTION 3710.1U

Subj: STANDARD OPERATING PROCEDURES

Ref: (a) OPNAVINST 3710.7 Series
(b) OPNAVINST 4790.2 Series
(c) COMTRAWINGFOURINST 3710.11 Series
(d) NASCORPCINST 3710.13 Series

Encl: (1) VT-31 STANDARD OPERATING PROCEDURES

1. Purpose. To promulgate standardized flight and administrative procedures applicable to all aviators and student pilots conducting operations in Training Squadron THIRTY-ONE aircraft. These standard operating procedures are not intended to cover every contingency that may arise, nor every rule of safety and good practice. However, they should be used as a sound basis for any decision making in an irregular situation. In the case of any conflict with higher headquarter guidance or NATOPS, those documents will take precedence.

2. Cancellation. VT31INST 3710.1T

3. Scope. Reference (a) prescribes general flight and operating instructions and procedures applicable to the operation of all naval aircraft and related activities. Reference (b) is the NAMP. Reference (c) prescribes specific flight operating instructions and procedures applicable to the operation of all TW-4 aircraft. Reference (d) prescribes local VFR operating procedures applicable to the operation of all TW-4 aircraft.

4. Responsibilities. Deviation from this instruction is authorized when, in the judgment of the pilot in command, such deviation is necessary to maintain safety of flight. Any deviations shall be reported to the Commanding Officer as soon as practical.

A handwritten signature in black ink, appearing to be "D. R. CREWS".

D. R. CREWS

Distribution: (VT31INST 5216.1V)
Lists I, II, and III

1. INSTRUMENT STAGE PATTERN INSTRUCTION. Instructors not qualified in Contact stage shall not perform VFR pattern operations with a student at the controls. Instructors may perform VFR pattern operations with a student performing copilot duties. Circling off an instrument approach is not considered VFR pattern operations.

2. SHORT-FIELD AND SOFT FIELD TAKE-OFFS/LANDINGS. Short field and soft field take-offs and landings, as described in NATOPS, are prohibited.

3. FORMATION TOUCH AND GO LANDINGS. Formation touch and go landings are prohibited.

4. SYSTEM DEACTIVATION. No system will be deactivated by circuit breaker or switch in other than VMC.

5. PASSENGER LIMITATIONS

a. The number of passengers permitted on any given flight is at the discretion of the Aircraft Commander. Aircraft weight and balance must remain within limits. A Weight and Balance Clearance Form F shall be completed for aircraft departing with 3 or more passengers or anytime when transporting parts and/or equipment.

b. The Aircraft Commander shall ensure compliance with reference (c), to include the prohibition on SSE training, when authorizing passengers to fly on syllabus events. Carrying passengers shall not add stress to, or influence the quality of training being completed during syllabus events.

6. CREW COMPOSITION. An Observer is defined as any military aviator or SMA, authorized by the Commanding Officer, who occupies a cabin seat for the sole purpose of visual lookout on any assigned mission. An Observer should accompany each flight to the maximum extent possible except during student solo events and functional check flights. To perform duties as an Observer, the individual must receive an emergency procedures and egress brief from the Pilot in Command or Copilot and be listed as an Observer on the flight schedule. In addition, Observers shall comply with all applicable crew rest and alcohol-related policies. A flight suit or military uniform shall be worn.

7. CURRENCY REQUIREMENTS

a. A flight instructor who has not flown within 14 days shall complete a warm-up flight before signing for any aircraft.

b. Any current flight instructor may conduct a warm-up flight for another instructor. Flight duration shall not be less than 0.5 hours. The pilot receiving the warm-up shall fly from the right seat. The following items shall be covered at a minimum:

- (1) One instrument approach
- (2) Three landings (at least one SSE)
- (3) Right seat co-pilot duties during at least one touch and go.
- (4) NATOPS procedures, limitations and checklist review.

8. WEATHER POLICY

a. Pilots shall not fly through areas of known or suspected moderate or severe icing. Pilots shall circumnavigate areas with forecast or actual light icing whenever possible.

b. Weather Minimums

(1) VFR landing pattern at any airfield requires a 1300' ceiling and 3 miles visibility.

(2) Student solo weather minima listed in reference (c) shall apply to weather at the time of take off and forecast weather for the entire period of flight plus one hour.

9. CROSS-COUNTRY FLIGHTS. Any changes to the approved destination must be authorized by the Commanding Officer.

10. FUNCTIONAL CHECK FLIGHTS (FCFs). FCF "A" and "B" profiles require post-flight maintenance inspections. Therefore, these profiles cannot be completed as a "check and go" IAW reference (b). FCF "C" profiles may be flown as a "check and go" provided the syllabus portion is not conducted until the check flight has been completed and the aircraft determined mission capable. Multiple approaches and/or touch and go landings shall not be done on "A" or "B" card flights.

11. ROCKPORT/ARANSAS COUNTY (KRKP) OPERATIONS. Per reference (d), practice instrument approaches at KRKP are not authorized when the T-34 landing pattern is scheduled to be open. Normal hours of pattern operations for KRKP are M-TH 1000L-1700L.