



KENTUCKY WING SUPPLEMENT 1

CAP REGULATION 70-1

APPROVED/J. DESMARAIS/CAP/DO

27 NOVEMBER 2019

Operations

CIVIL AIR PATROL FLIGHT MANAGEMENT

CAP Regulation 70-1, dated 4 December 2017 which includes ICL 18-05, dated 3 August 2018 and 19-06, dated 30 September 2019, is supplemented as follows:

9.10.5.6.1. Cold Weather Operations. Added. KYWG Flight operations will follow the requirements in Attachment 2 of this publication on KYWG missions.

9.10.10.4. Standard Fuel Loading. Added. KYWG aircraft will be fueled according to the guidelines in KYWG Pamphlet 70-1 on KYWG missions.

DARREL D. WILLIAMSON, Colonel, CAP
Commander

ATTACHMENT 1 - COMPLIANCE ELEMENTS

No compliance elements are created by this supplement.

ATTACHMENT 2 - COLD WEATHER OPERATIONS

The following cold weather operation requirements are provided to protect KYWG aircrews and assist in the long-term longevity of KYWG aircraft. All aircrews shall comply with these requirements on KYWG missions.

1. Cold Weather Aircraft Preparation.

1.1. Scope. For the purpose of these procedures, cold weather is defined as any time the outside temp drops below 40°F for more than 3 hours and the aircraft is parked outside or in an unheated hangar.

1.2. Block heater use. The aircraft oil sump heater must be used a minimum of 4 hours prior to engine start.

1.3. Hot air preheat. The use of an FBO service to preheat the engine compartment must be pre-approved by KYWG/CC/CV/CS-M/DO or IC (on a supervised mission). The pilot must monitor this operation closely.

1.4. Airframe deicing using deice fluid. Use of this service must be explicitly pre-approved on each occasion by KYWG/CC/CV/CS-M/DO or IC (on a supervised mission) with no exceptions. Do not use an ice scraper on any part of the aircraft.

2. Seasonal Cold Weather Review. Annually, during the month of October, each squadron shall conduct a "Cold Weather Operations" review for all unit pilots. This review should include POH cold weather operations review for each specific aircraft, hangar operations, and cold weather survival. Use of block heater and hot air preheat will be covered. Inclusion of FAA cold weather operations information is recommended. This review shall be logged into the Safety Information and Reporting System (SIRS) in eServices.

3. Temperature and Wind Chill Guidelines. The following temperature guidelines shall be used when planning flight activity. NOTE: These guidelines must be manually reviewed offline by pilots, crews and FROs as they are not automatically enforced within WMIRS.

3.1. Temperatures above 20° F. No limitations. All flight activity permitted.

3.2. Temperatures between 0° F to 20° F. Maintenance flights, training flights and all actual mission sorties are permitted. Flights are limited to one take-off and landing per flight. The PIC must follow the aircraft POH for proper cold weather operation. Engine cover and pre-heat shall be used, if on the ground more than 2 hours.

3.3. Temperatures below 0° F to -20° F. Only actual emergency services mission flights with or without known life or death situations are permitted. Flights are limited to one take-off and landing per flight. The PIC must follow the aircraft POH for proper cold weather operation. Ultimately the pilot, crew and FRO are responsible for using common sense when flying below 0° F. If flown, crews should ensure proper dress and carry additional gear for crew members, in case of extended

