

DESCRIPTION AND MAINTENANCE INSTRUCTIONS

PROPELLER FEATHERING

(This EO replaces EO 05-45B-2G dated 14 Apr 58)

1 Maintenance personnel shall carry out a functional test of the propeller feathering and oil dilution systems on engine run up after periodic inspection, oil changes and installation of propeller, governor, and all other components directly associated with the propeller and the propeller feathering system including fluid lines and electrical connections.

2 Procedure is as follows:

(a) An APU shall be used.

(b) Ensure master and generator switches are "OFF".

(c) When the temperature is below 0°C (32F°) or when checking the propeller feathering oil dilution system the seasonal switch adjacent to the feathering buttons shall be in "WINTER" position. When temperature is above 0°C (32F°) the seasonal switch shall be in "SUMMER" position.

NOTE

When seasonal switch is in "WINTER" position engine oil temperature shall not exceed 40°C (104°F)

(d) Operate engine at 1500 revolutions per minute, pitch fine, revolutions per minute of other engine irrelative.

(e) Operate pitch control twice through full range.

(f) Press feathering button.

(g) As soon as feathering button pops out, press again and hold until revolutions per minute increases.

(h) Use throttle if required to place blades in fine pitch.

(j) Repeat (a) through (h) for second engine.

ISSUED ON AUTHORITY OF THE CHIEF OF THE DEFENCE STAFF

Prepared by:
MATCOM/SAMO/PA5