

APU COLD WEATHER STARTING PROCEDURE

MINIMUM TEMPERATURE FOR GROUND OPERATIONS FOLLOWING PROLONGED COLD SOAK IS -40°C (AFM 01-03-00)

MINIMUM SEA LEVEL OPERATING TEMPERATURE IS -50 C (AFM 01-03-00)

At temperatures < -20C remove batteries and store in an area > -20C < +40C (Inclusive of EBHA battery).

PULL SMC CB's C3 on POP and CPOP (OM 03-00-20) during prior post flight.

ADDITIONAL NOTES

LIFE RAFTS < -28 C
NOSE STRUT
SNOW REMOVAL AS REQUIRED
FROZEN BRAKES HOT AIR ONLY
NO CHEMICALS
PRV STATIC PORT CLEAR OF ICE (Water rundown and re-freezing)

Overnight temperature < -20 C and the current temperature is < -20 C

Use an AC External Power cart to warm MSB's by charging them.

DU's NOT ON IN THIS PROCEDURE. AFTER AIRCRAFT IS WARMED UP CONSIDER SHUTTING DOWN AND CONDUCTING THE PUBLISHED EBATT CHECK AND APU FIRE TEST

Overnight temperature < -15 C

Preheat cockpit in order to read APU EGT and RPM.

NO READY LIGHT

OK to start but verify visually door is OPEN. (OM 03-00-20)

Overnight temperature < 0 C

Delay cockpit systems power up until > 18 C is reached for 30 minutes. This includes DU's and IRS's and SMC's.

APU START