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- a Pitot Anti-ice ..... ON 5-18-1/  
5-18-2
- 1) Pitot and Static Anti-Ice (if Static  
        Anti-ice installed) ..... ON 5-18-1/  
5-18-2
- b Windshield Heat (if installed)..... LOW 5-18-1/  
5-18-2
- 8 Oxygen/Crew Mask .....CHECK 5-18-1/  
5-18-2
- 9 Power .....SET AS REQUIRED 5-19  
(96% RPM TO  
100% RPM)

**CAUTION**

DO NOT MOVE CONDITION LEVER BELOW MIN 5-19  
CRUISE DURING FLIGHT EXCEPT TO FEATHER A  
FAILED ENGINE.

**NOTE**

- (1) To reduce rpm to 96% by placing Condition Lever in 5-19  
MIN. CRUISE position is desirable performance wise.
- (2) If sudden loss or significant fluctuation of torque 5-19  
pressure indication occurs, the engine should be  
promptly shutdown and the cause determined  
before further operation.
- (3) The Trim Aileron Selector Switch is normally placed in 5-19  
BOTH position. If either side of trim actuator fails, turn  
the Switch to operative side.
- 10 Engine Instruments ..... MONITOR 5-19

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**DESCENT**

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- 1 Cabin Altitude ..... SET 5-19  
Set Cabin Pressure Controller pointer to field elevation plus 5-19  
1000 feet.  
Adjust rate control knob so that the airplane will be fully  
depressurized prior to landing. Generally, a 300 to 500 fpm  
cabin descent rate will be comfortable and ensure proper  
depressurization.
- 2 Tip Tank/Outer Tank Switch..... OFF 5-19
- 3 Altimeters ..... SET 5-19
- 4 Windshield Defog ..... AS REQUIRED 5-19

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- 5 Ignition Switches ..... AS REQUIRED 5-19 &  
5-20  
Select CONT (auto ignition installed) or ON (manual ignition installed) in icing conditions or heavy precipitation. Observe duty cycle limitations.  
In other than these conditions, select AUTO (auto ignition installed) or OFF (manual ignition installed).

**CAUTION**

IGNITION SHALL BE SELECTED TO CONT (IF AUTO-IGNITION INSTALLED) OR ON (IF MANUAL IGNITION INSTALLED) DURING APPROACH AND LANDING WHILE IN OR SHORTLY FOLLOWING FLIGHT IN ACTUAL OR POTENTIAL ICING CONDITIONS. 5-20

- 6 Anti-ice/De-ice ..... AS REQUIRED 5-19  
(ADD 10% KIAS  
IN ICING)
- a Pitot Anti-ice ..... ON 5-19  
1) Pitot and Static Anti-Ice 5-19  
(if installed) ..... ON
- b Windshield Heat 5-19  
(if installed) ..... LOW  
If descent through icing conditions is anticipated, turn on all anti-ice and de-ice equipment.
- 7 Taxi Lights (if installed) ..... AS REQUIRED  
Recommended on for descent.

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**APPROACH**

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- 1 Landing Data .....COMPUTED 5-20  
Recommended landing flap setting is flap 20° although flap 40° is available. Compute landing weight,  $V_{REF}$  for selected flap position, and landing distance. Other landing data may be required depending upon the circumstances. Refer to the performance section of the AFM. For landing with a crosswind, adjust  $V_{REF}$  by one half the steady state wind plus all of the gusts, not to exceed  $V_{REF}$  plus 10 knots. When landing with any ice accumulation on the wing, increase the computed  $V_{REF}$  by 15 knots. When landing with an asymmetric fuel condition, increase computed  $V_{REF}$  by 10 knots. Approach speeds should not be below  $V_{REF}$  (adjusted) until landing flare.
- 2 Fuel Quantity/Balance ..... CHECK - IN LIMITS 5-20  
Tip fuel must be below 65 U.S. gallons or an overweight landing inspection will be required. Balance within 22 U.S. gallons.

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3	Propeller Synchronizer (if installed) ..... OFF	5-20
4	Differential Pressure ..... ZERO Confirm cabin will be depressurized prior to landing.	5-20
5	Condition Levers ..... TAKEOFF LAND Provides maximum thrust in the event of a go-around.	5-20 & 5-20-2
6	Power ..... AS REQUIRED	5-20
7	Airspeed ..... 140 KCAS MINIMUM (MODIFIED BY S/R 010) 130 KCAS ..... 130 KCAS MINIMUM (NOT MODIFIED BY S/R 010)	5-20
8	Cabin Sign ..... ON Brief passengers.	5-20 5-20
9	Anti-ice System ..... AS REQUIRED (ADD 10% KIAS IN ICING)	5-20 & 5-20-2
a	Pitot Anti-ice ..... ON	5-19
	1) Pitot and Static Anti-ice (if installed) ..... ON	5-19
b	Windshield Heat (if installed) ..... LOW	5-20-1
10	Engine Power Limit Switches ..... AUTO	5-20
11	Landing Lights ..... AS REQUIRED (BELOW 175 KCAS)	5-20
12	Flaps ..... 5° (BELOW 140 KCAS (*1) OR ..... 5° BELOW 175 KCAS (*2))	5-20
	*1: Applicable to S/N 239 through S/N 279 not modified by S/R 010.	5-20
	*2: Applicable to S/N 239 through S/N 279 modified by S/R 010, and S/N 280 and up.	5-20

**LANDING THRESHOLD SPEED (VREF)**

<b>WEIGHT</b>	<b>FLAPS 20°</b>	<b>FLAPS 40°</b>
9,435 LBS	108	112
9,000 LBS	106	109
8,500 LBS	103	106
8,000 LBS	100	103
7,500 LBS	96	99
7,000 LBS	93	