



# BANANA REPUBLIC AIR FORCE

## PILOT'S CHECKLIST T 6 R 1340-AN-1

### BEFORE ENTERING COCKPIT

1. CHECK PITOT TUPE FOR COVER, CHECK OLEO STRUTS, CHECK TIRES, CHECK REAR COCKPIT.(IF SOLO REMOVE REAR STICK, FASTEN REAR SAFETY BELT. CAGE REAR GYROS IF AEROBATIC MISSION.)

### BEFORE STARTING ENGINES

1. SET PARKING BRAKES
2. UNLOCK SURFACE CONTROLS AND CHECK OPERATION:
3. FUEL SELECTOR: RESERVE. CHECK FOR QUANTITY.
4. PROPELLER: LOW RPM
5. MIXTURE: FULL RICH.
6. THROTTLE: ½ " OPEN.
7. CARBURETOR HEAT: COLD.
8. OIL SHUTTERS: OPEN.
9. CHECK TRIM TAPS.

### STARTING THE ENGINE

1. HAND PUMP FUEL PRESS TO 3-4 LBS.
2. ALTERNATOR MAIN LINE SWITCH: ON.
3. BATTERY SWITCH: ON.
4. PRIME: 4 STROKES WHEN COLD; 1 STROKE WHEN HOT.
5. IGNITION SWITCH: O F F. ENERGIZE & ENGAGE.
6. TWO REVOLUTIONS WITHOUT MAGS , THAN IGNITION.

### DURING WARM-UP

1. AS ENGINE STARTS, CHECK OIL PRESSURE. IF NO PRESSURE SHOWS AFTER 30 SEC., SHUT DOWN AND INVESTIGATE.
2. WHEN OIL PRESSURE REACHES 70-90,SHIFT PROP. TO FULL *INCREASE RPM* :
3. CHECK LEFT AND RIGHT MAGNETOS AT 2000 RPM. MAX DROP 100 RPM.(NORMAL 50-70 RPM) MAX DIFFERENCE BTW. POS. 40 RPM.
4. CHECK ALL TANK POSITIONS OF FUEL SELECTOR FOR PROPPER FUNCTION.
5. CHECK OPERATIONS OF: FLAP, PROP, HAND HYDRAULIC PUMP, FUELSIGNAL AND OTHER SWITCHES.

### BEFORE TAKE OFF

1. MIXTURE: RICH
2. CARBURATOR HEAT: COLD
3. OIL TEMP. 40° C, MINIMUM, 95° C, MAXIMUM
4. CYLINDER HEAD TEMP. 100°C, MINIMUM, 260° C MAXIMUM. OIL PRESS. 70-90.

### DURING FLIGHT

1. TAKE OFF: 36" HG, 2250 RPM, MAX.
2. BRAKE WHEELS. LDG GEAR UP.
3. CLIMB 2000 RPM, 30" HG, OR LESS.
4. MIXTURE SET AS NEEDED. DO NOT EXCEED ALLOWABLE CYLINDER HEAD TEMP WHEN LEANING OUT.
5. OIL COOLER AND CARBURETOR HEAT AS REQUIRED.
6. HIGH SPEED: 32,5" HG; 2000 RPM.
7. DESIRED CRUISING: 25" HG; 1850 RPM.
8. MAXIMUM RANGE: 22,5" HG; 1350 RPM
9. MAXIMUM DIVING RPM: 2640, AT 1/3 OR MORE THROTTLE.  
MAXIMUM DIVING RPM: 2200 AT LESS THAN 1/3 THROTTLE.

### BEFORE LANDING

1. LANDING GEAR DOWN.
2. PROPELLER : SET FOR GO AROUND.
3. MIXTURE : RICH.
4. FUEL SELECTOR : ON RESERVE.
5. FLAPS AS REQUIRED. (BELOW 110 KIAS) NORMALLY FULL FLAPS WILL BE USED.

### AFTER LANDING

1. FLAPS : UP.
2. PROPELLER : LOW RPM.
3. OIL DILUTIONS : AS NECESSARY.
4. ALL ELECTRICAL SWITCHES: OFF.
5. MIXTURE : IDLE CUT OFF.
6. SET BRAKES AND LOCK CONTOLS