

TAKE OFF CHECKLIST

- FUEL - ON PROPER TANK
- ELECTRIC FUEL PUMP - ON
- ENGINE - CHECKED
- FLAPS - SET
- MIXTURE - SET
- SEATBELTS/HARNESSES - FASTENED
- AIR CONDITIONER - OFF

LANDING CHECKLIST

- FUEL ON PROPER TANK
- MIXTURE RICH
- ELECTRIC FUEL PUMP ON
- SEAT BACKS ERECT
- FLAPS - SET (115 MPH)
- FASTEN BELTS/HARNESSES
- AIR CONDITIONER - OFF

THIS AIRPLANE MUST BE OPERATED AS A NORMAL OR UTILITY CATEGORY AIRPLANE IN COMPLIANCE WITH OPERATION LIMITATIONS STATED IN THE FORM OF PLACARDS, MARKINGS AND MANUALS. ALL MARKINGS AND PLACARDS ON THIS AIRPLANE APPLY TO ITS OPERATIONS AS A UTILITY CATEGORY AIRPLANE. FOR NORMAL AND UTILITY CATEGORY OPERATION, REFER TO THE PILOT'S OPERATION HANDBOOK.

NO ACROBATIC MANEUVERS ARE APPROVED FOR NORMAL CATEGORY OPERATIONS. SPINS ARE PROHIBITED FOR NORMAL AND UTILITY CATEGORY.

UTILITY CATEGORY OPERATION ONLY

- NO AFT PASSENGERS ALLOWED.
- ACROBATIC MANEUVERS ARE LIMITED TO THE FOLLOWING:
 - ENTRY SPEED
 - 127 MPH
 - 127 MPH
 - 127 MPH

SPINS PROHIBITED

STEEP TURNS

LAZY EIGHTS

CHANDLLES

SPIN RECOVERY

IN THE EVENT THAT A FULLY DEVELOPED SPIN IS EXPERIENCED, RECOVERY IS MADE BY USING FULL OPPOSITE RUDDER FOLLOWED BY FULL FORWARD WHEEL AND FULL OPPOSITE AILERON. THE CONTROL POSITIONS AGAINST THE SPIN SHOULD BE MAINTAINED DURING THE ENTIRE RECOVERY, WHICH MAY REQUIRE SEVERAL TURNS

MAXIMUM BAGGAGE THIS COMPARTMENT 200 LBS.

SEE THE LIMITATIONS SECTION OF THE AIRPLANE FLIGHT MANUAL

AUTO PILOT MAY BE OVERPOWERED MANUALLY

CARBON DIOXIDE DETECTOR

ELEC. PITCH TRIM PUSH - ON/OFF

AUX. LANDING LIGHT

AUTO PILOT

WARNING

TO AVOID OPTICAL ILLUSION AND SEVERE VERTIGO TURN ANTI-COLLISION LIGHTS OFF UPON ENTERING CLOUDS, FOG OR HAZE

CAUTION

COMPASS MAY BE IN ERROR WITH PILOT HEAT ON

OIL COOLER WINTERIZATION PLATE TO BE REMOVED WHEN AMBIENT AIR TEMPERATURE EXCEEDS 50°F.

V_A = 113 KIAS AT 2550 * (SEE P.O.H)

NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES HANDLE IS PULLED AND HELD

ALTERNATE STATIC SOURCE

ALL CABIN VENTS AND STORM WINDOW MUST BE CLOSED. HEATER AND DEFROSTER MUST BE ON, PULL AFT TO OPEN.

ON OFF

AIR COND. ON OFF

FAN HI OFF LOW

TEMP. COOLER

CLIMATE CONTROL CENTER

WARNING

EMERGENCY LOCATOR TRANSMITTER FOR AVIATION EMERGENCY USE ONLY. UNLICENSED OPERATION UNLAWFUL. SUBJECT TO FINE OR LICENSE REVOCATION.

PULL TO SELECT ON (RESET) AIR

WARNING

AIR CONDITIONER MUST BE OFF TO INSURE NORMAL TAKE-OFF CLIMB PERFORMANCE

NO HEAVY OBJECTS ON HAT SHELF

DEMONSTRATED X-WIND COMPONENT 20 MPH

NO ACROBATIC MANEUVERS, INCLUDING SPINS, APPROVED

Challenger

MPH

VSO = 57

VS = 67

VR = 50-60

VX = 74

VY = 85

VFE = 115

VA = 127

VNE = 171

VNO = 140

GLIDE = 80

APPR FFF = 76

AFTER 5 MIN. REDUCE POWER TO 2650 RPM 3800R-178

COMPASS SYSTEM

NO SMOKING

WARNING

NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES HANDLE IS PULLED AND HELD

OXYGEN PULL ON

HEAT DEFROST ON

HEAT LIFT TO ACTIVATE ON

ROUGH AIR OR MANEUVERING SPEED 127 MPH

NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES HANDLE IS PULLED AND HELD

CAUTION

COMPASS MAY BE IN ERROR WITH PILOT HEAT ON

FLAPS HANDLE

MASTERS

HEAT DEFROST ON

HEAT LIFT TO ACTIVATE ON

ON OFF ON OFF ON OFF

AIR COND. ON OFF

FAN HI OFF LOW

TEMP. COOLER

CLIMATE CONTROL CENTER

WARNING

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PULL TO SELECT ON (RESET) AIR

WARNING

AIR CONDITIONER MUST BE OFF TO INSURE NORMAL TAKE-OFF CLIMB PERFORMANCE

TURN AUTOFLITE ON. ADJUST "TRIM" KNOB FOR MINIMUM HEADING CHANGE. FOR HEADING CHANGE, PRESS DISENGAGE SWITCH ON CONTROL WHEEL, CHANGE HEADING, RELEASE SWITCH.

AUTOFLITE II ON OFF

ROTATE "TURN" KNOB FOR TURN COMMANDS. PUSH "TURN" KNOB IN TO ENGAGE TRACKER, PUSH "TRIM" KNOB IN FOR "HI" SENSITIVITY. AUTOFLITE OFF FOR TAKEOFF & LANDING.

GLIDESLOPE COUPLER ENGAGED

PRIMER ON OFF

STORM SCOPE

12V SOURCE

ADF

COM 1

NAV 1

COM 2

NAV 2

GPS

EMERGENCY LOCATOR TRANSMITTER

ON OFF / RESET

NORMAL POSITION

AUTO / ARM

WARNING

FOR AVIATION EMERGENCY USE ONLY. UNLICENSED OPERATION UNLAWFUL. OF FCC RULES SUBJECT TO FINE OR LICENSE REVOCATION.

MIKE PHONE

MIKE PHONE

MIKE PHONE

MIKE PHONE

AIR COND DOOR OPEN

OPEN ENGAGE LATCH BEFORE FLIGHT

CLOSE ENGAGE LATCH BEFORE FLIGHT

TO OPEN, UN-LATCH TOP OF DOOR THEN GENTLY PUSH DOWN ON HANDLE

ENGAGE LATCH BEFORE FLIGHT

PARK BRAKE PUSH

STALL WARNING

PRIMER

PLEASE FASTEN YOUR SEAT BELT

NAV 1 NAV 2

NAV 1 NAV 2

NOSE

WARNING

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MIKE PHONE

MIKE PHONE

MIKE PHONE

MIKE PHONE

AIR COND DOOR OPEN

DME OFF

CABIN AIR PULL OFF

6 T'S TURN TIME TWIST THROTTLE TALK TRACK

CALIBRATED FOR RADIO ON

FOR	STEER
N	30
E	60
S	120
W	180
DATE	300
	330