

TAKE OFF CHECKLIST

FUEL - ON PROPER TANK
ELECTRIC FUEL PUMP - ON
ENGINE GAUGES - CHECKED
FLAPS - SET

MIXTURE - SET
SEAT BACKS ERECT
FASTEN BELTS/HARNESS

TRIM TAB - SET
CONTROLS - FREE
DOOR - LATCHED
AIR CONDITIONER - OFF

LANDING CHECKLIST

FUEL ON PROPER TANK
MIXTURE RICH
ELECTRIC FUEL PUMP ON

SEAT BACKS ERECT

FLAPS - SET (115 MPH)
FASTEN BELTS/HARNESS
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:

SPINS PROHIBITED	ENTRY SPEED
STEEP TURNS	127 MPH
LAZY EIGHTS	127 MPH
CHANDELLES	127 MPH

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

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

WARNING

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

AFTER 5 MIN. REDUCE POWER TO 2650 RPM

NO SMOKING

WARNING

NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES ARE APPLIED WHILE PARKING BRAKE HANDLE IS PULLED AND HELD

NO HEAVY OBJECTS ON HAT SHELF

V_A = 113 KIAS AT 2550 *(SEE P.O.H) DEMO. X-WIND 17 KTS.

CAUTION

COMPASS MAY BE IN ERROR WITH PITOT HEAT ON

ROUGH AIR OR MANUEVERING SPEED 127 MPH

HEAT DEFROST ON

DEMONSTRATED X-WIND COMPONENT 20 MPH

HEAT DEF LIFT TO ACTUATE ON

NO ACROBATIC MANUEVERS, INCLUDING SPINS, APPROVED

ALTERNATE STATIC SOURCE

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

CABIN AIR PULL OFF

MPH	
VSO	= 57
VS	= 67
VR	= 50-60
VX	= 74
VY	= 85
VFE	= 115
VA	= 127
VNE	= 171
VNO	= 140
GLIDE	= 80
APR FF	= 76

FLAP HANDLE

OFF

CARB. HEAT

ON

DN

N

UP

ON

OFF

MASTER

POWER

RAIDIO

Challenger

AUTO PILOT MAY BE OVERPOWERED MANUALLY

CARBON DIOXIDE DETECTOR

OXYGEN PULL ON

AUX. LANDING LIGHT

COMPASS SYSTEM

NAV 1

NAV 2

RAD LIGHT

NAV LIGHT

RAAD LIGHT

LLIGHT

PANELS

NAV LIGHT

CLIMATE CONTROL CENTER

AIR COND. ON OFF

FAN HI OFF LOW

TEMP. COOLER

WARNING

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

WARNING

EMERGENCY LOCATOR TRANSMITTER FOR AVIATION EMERGENCY USE ONLY. UNLICENSED OPERATION UNLAWFUL. OPERATIONS IN VIOLATION OF FCC RULES SUBJECT TO FINE OR LICENSE REVOCATION.

PULL TO SELECT ON (RESET) ARM

OPEN

THROTTLE

CLOSE

RICH

MIXTURE

LEAN

PRESS TEST

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

ENGAGE LATCH BEFORE FLIGHT

PLEASE FASTEN YOUR SEAT BELT

GLIDESLOPE COUPLER ENGAGED

PARK BRAKE PUSH

AVOID CONTINUOUS OPERATION BETWEEN 2000 AND 2200 RPM

DOME LIGHT - MAX

PRIMER

STORM SCOPE ON OFF

12V SOURCE ON OFF

ADF GPS

COM 1 COM 2

NAV 1 NAV 2

AUTO PILOT

NOSE

L R

ON

CARB. HEAT

OFF

CALIBRATED FOR RADIO ON

FOR	STEER
N	
30	
60	
E	
120	
150	
S	
210	
240	
W	
300	
330	
DATE	

6 T'S TURN TIME TWIST THROTTLE TALK TRACK

DME OFF

AIR COND DOOR OPEN

OPEN ENGAGE LATCH BEFORE FLIGHT CLOSE

AUTOFLITE II ON

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

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.

OFF

STALL WARNING

ON ON ON ON

OFF OFF OFF OFF

MIKE PHONE

MIKE PHONE

MIKE PHONE

MIKE PHONE