

POH/AFM takes priority over this checklist.

CESSNA 172M MPH STEAM GAUGES

NORMAL OPERATIONS

EMERGENCY PROCEDURES (REVERSE)

Updated September 9th, 2022 (Rev. 7-B)

RUNWAY ENTRY

Time for Lights, Camera, Action, Traffic

Timer		START
Lights	LANDING & STROI	BES ON
Transponder	VERIFY CO	DE/ALT
Mixture		RICH
Carb Heat		COLD
Traffic	. VERIFY RWY/APCH	CLEAF
Runway Number	CC	ONFIRM
Heading/Compas	ss MATCHE	S RWY

NORMAL TAKEOFF

Flaps		UP
Throttle		FULL
Engine Instruments.	"G	REEN"
Engine RPM	. AT LEAST "2200	RPM"
Airspeed		ALIVE"
Rotate	65 MPH "RO	DTATE"
Climb	9	0 МРН

SHORT FIELD TAKEOFF

Flaps	UF
Brakes	HOLD
Throttle	FULL
Engine Instruments"(3REEN'
Engine RPM AT LEAST "220	0 RPM'
BrakesRE	ELEASE
Airspeed'	'ALIVE'
Rotate60 MPH "R	OTATE'
Climb	72 MPH
Obstacle CL	EARED
Flaps	UF
Climb	90 MPF

SOFT FIELD TAKEOFF

riaps		
Brakes		NONE
Control Wheel	FUI	LL AFT
Throttle SLOWLY AD	VANCE	FULL
Engine Instruments	"G	REEN"
Engine RPM AT LEAST	"2200	RPM"
Airspeed	"	ALIVE"
Main Gear	LIF	T OFF
Ground EffectMAINTAIN	I TO 7	о мрн
Flaps		
Climb	9	о мрн

AFTER TAKEOFF (400' AGL)

Airspeed	90 MPH
Flaps	UP
Engine Instruments	GREEN
Landing/Taxi Light	AS REQ'D

CRUISE

Throttle	2300-2400 RPM
Trim	AS REQUIRED
Engine Instruments	CHECK
Mixture	LEAN AS REQUIRED
FGT 50°F/30°	C Rich of Peak

PRE-MANEUVER CHECKS

Clear the area	CHECK
Heading	ESTABLISHED & BUGGED
Altitude	ESTABLISHED & BUGGED
Place to land	CHECK
Set Power & Config	g CHECK
 Fuel Selector 	BOTH
 Mixture 	RICH
 Lights 	ON

DESCENT / APPROACH

ATIS/AWOS	CHEC
Altimeter	SET
Heading Indicator	ADJUS
Clearance	OBTAIN
Radios/GPS	TUNE/IDEN
Approach Briefing	COMPLETE
Fuel Selector	BOTH
Lights	AS REQUIRED
Mixture	

PRE-LANDING

Fuel Selector	BOTH
Mixture	RICH
Carb Heat	ON BELOW 2000 RPM
Lights	AS REQUIRED
Flaps	AS REQUIRED
Seatbelts	FASTENED

NORMAL LANDING

Flaps	
Airspeed	75 MPH
Touch Down	. MAIN WHEELS FIRST
Brakes	. MINIMUM REQUIRED

SHORT FIELD LANDING

Flaps	FULI
Airspeed	70 MPH
Touch Down	MAIN WHEELS FIRST
Flaps	UF
Brakes	MAXIMUM
Control Wheel	FULL AF1

SOFT FIELD LANDING

Flaps	FULL
Airspeed	75 MPH
Carb Heat	COLD ON SHORT FINAL
Touch Down	NOSE HIGH WITH PWR
Brakes	NONE
Control Wheel	FULL AFT

AFTER LANDING

Flaps	UP
Mixture	LEAN 1"
Carb Heat	COLD
Elevator Trim	SET FOR TAKEOFF
Lights	LANDING / STROBES OFF
Radios	CONTACT GND / CALL CLR
Flight Plan	CLOSE IF REQ'D

SHUTDOWN / SECURE

Brakes	AS REQUIRED
Avionics Master	OFF
Mixture	IDLE/CUTOFF
Wait for engine	to shut off
Magnetos	OFF / REMOVE KEY
Master Switch	OFF
Fuel Selector	LEFT OR RIGHT
Control Wheel Lock	INSTALLED
Aircraft	TIE DOWN
Aircraft Log	COMPLETE
Cowl Plugs/Covers	INSTALLED
Windshield	CLEAN AS REQ'D
Chocks	AS REQ'D

SPEEDS

•	
65 N	1PH
72 N	1PH
90 N	1PH
100 M	1PH
122 M	1PH
49 N	1PH
57 M	1PH
105 M	1PH
95 N	1PH
85 N	1PH
75 N	
75 M	1PH
1.5 NM / 1000	FT.
	72 M 90 N 100 N 122 N 49 N 57 N 105 N 95 N 75 N

FREQUENCIES

Potomac Approach Potomac (SFRA West) Potomoc	
KHEF (Manassas) ATIS Tower Ground	133.1
KHWY (Warrenton) AWOSCTAF	
KCJR (Culpeper) AWOSCTAF	

ENGINE FIRE I	DURING START	ENGINE FIR	E IN FLIGHT	LIGHT S	IGNALS (G	ROUND)
Cranking	CONTINUE	Mixture	IDLE CUTOFF	Cleared for Take	eoff S	STEADY GREEN
If Engine Starts		Fuel Selector Valve	OFF	Cleared to Taxi	FL <i>F</i>	ASHING GREEN
	1700 RPM FOR 20 SEC		OFF	Stop		
	TDOWN AND INSPECT		OFF	Taxi clear of run		
<u> </u>	_	•	NCREASE / 120+ MPH	Return to airpor	• .	
If Engine Fails To Start		Forced Landing	EXECUTE			ASHING WHITE
	FULL OPEN	CARII	N FIRE	General Warnin	•	
	CONTINUE		OFF	ALI	ERNATING RE	ED AND GREEN
	OFF		sCLOSED	LIGHT 9	SIGNALS (F	FLIGHT)
	OBTAIN		ACTIVATE	Cleared to Lanc		
	ER AND IGNITION OFF		VENTILATE			ASHING GREEN
Aircraft	EVACUATE	Land A	S SOON AS POSSIBLE	Give way and C	ircle	STEADY RED
Fire	EXTINGUISH			Do not land		FLASHING RED
Damage	INSPECT		FIRE	General Warnin	0.	
		Nav Lights		ALT	ERNATING RE	ED AND GREEN
	URE PRIOR TO	Pitot Heat		DOM	VED CETT!	NCS
	EOFF	Strobe Lights	OFF	POV	VER SETTII	NGS
	IDLE		away from the fuel tank		gs to be used as	
	APPLY	•	ssible. Only use flaps as	Carb Heat sho	ould be used be	low 2000RPM
	RETRACT	requirea for final app	roach and touchdown	Climb		FULL POWER
	OFF	OVER VOLT	TAGE LIGHT	Cruise		
	IF ABLE		y) OFF	Descent		
	OFF		REDUCE AS FOLLOWS			1800 RPM
Widotor Owitorr		Avionics				1500 RPM
ENGINE FAILUR	RE IMMEDIATELY	Pitot Heat	OFF			2100 RPM
AFTER 1	ΓAKEOFF	All Lights	OFF	Abeam Number	rs	1500 RPM
Airspeed Flaps Up	80 MPH		TUNE TO ACTIVE	Vellow highligh	ted items are im	nmediate action
Airspeed Flaps Down	75 MPH	Land AS	SOON AS PRACTICAL		ould be committe	
	SELECT	AMMETED	DISCHARCE			
Mixture	IDLE CUTOFF		DISCHARGE	DIVC	ΤΔΙ ΔΙΤΙΤ	TIDE
Mixture Fuel Selector	IDLE CUTOFF	(ABOVE 1	700 RPM)	PIVO	TAL ALTIT	
Mixture Fuel Selector Ignition Switch	DLE CUTOFF OFF OFF	(ABOVE 1 Master (ALT Only)	700 RPM) OFF		OTAL ALTIT	Approximate
Mixture Fuel Selector Ignition Switch Flaps	IDLE CUTOFFOFFOFFAS REQUIRED	(ABOVE 1 Master (ALT Only) Alternator Circuit Brea	700 RPM) OFF ker CHECK IN	PIVC	OTAL ALTIT	Approximate Pivotal
Mixture	IDLE CUTOFFOFFOFFOFF	(ABOVE 1 Master (ALT Only) Alternator Circuit Brea Master Switch	700 RPM) OFF kerCHECK INON	Groundspeed		Approximate
Mixture	IDLE CUTOFF OFF OFF AS REQUIRED IF ABLE	(ABOVE 1 Master (ALT Only) Alternator Circuit Brea Master Switch Ammeter	700 RPM)OFF kerCHECK INONCHECK	Groundspeed Knots	MPH	Approximate Pivotal Altitude
Mixture	IDLE CUTOFFOFFOFFOFF	(ABOVE 1 Master (ALT Only) Alternator Circuit Brea Master Switch Ammeter	700 RPM)OFF kerONON	Groundspeed Knots 87	MPH 100	Approximate Pivotal Altitude
Mixture		Master (ALT Only)	700 RPM)	Groundspeed Knots 87 91	MPH 100 105	Approximate Pivotal Altitude 670 735
Mixture	IDLE CUTOFF OFF OFF AS REQUIRED IF ABLE OFF UNLATCH	Master (ALT Only)	700 RPM)	Knots 87 91	MPH 100 105 110	Approximate Pivotal Altitude 670 735 810
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100	MPH 100 105 110	Approximate Pivotal Altitude 670 735 810 885
Mixture		Master (ALT Only)	700 RPM) OFF Ker	Knots 87 91 96 100	MPH 100 105 110 115	Approximate Pivotal Altitude 670 735 810 885 960
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100	MPH 100 105 110 115	Approximate Pivotal Altitude 670 735 810 885 960
Mixture		Master (ALT Only) Alternator Circuit Brea Master Switch Ammeter	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only) Alternator Circuit Brea Master Switch Ammeter	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	OFF WE TUNE TO ACTIVE SIRE IN FLIGHT OFF WAR AND	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	OFF MEDIUM TUNE TO ACTIVE SOON AS PRACTICAL TO RPM OFF MEDIUM M	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	OFF WARREN FLIGHT OFF ACTIVATE OFF ACTIVATE OFF OFF OFF OFF OFF OFF OFF O	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	OFF WERE IN FLIGHT OFF ACTIVATE OFF OFF OFF OFF OFF OFF OFF O	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture Fuel Selector Ignition Switch Flaps Radio Call Master Switch Doors ENGINE FAIL FLI A 3 turns nose-up trir B BE C Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk	IDLE CUTOFF OFF OFF AS REQUIRED IF ABLE UNLATCH URE DURING GHT AIRSPEED M, 75 mph ST PLACE TO LAND CHECKLIST BOTH RICH ADJUST ON L/R/BOTH IN AND LOCKED DECLARE ON 121.5 7700	Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture Fuel Selector Ignition Switch Flaps Radio Call Master Switch Doors ENGINE FAIL FLI A 3 turns nose-up trir B BE C Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E		Master (ALT Only)	MODE NO STATE OF STAT	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture Fuel Selector Ignition Switch Flaps Radio Call Master Switch Doors ENGINE FAIL FLI A 3 turns nose-up trir B B C Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E Fuel Selector	IDLE CUTOFF OFF OFF OFF AS REQUIRED IF ABLE OFF UNLATCH URE DURING GHT AIRSPEED M, 75 mph ST PLACE TO LAND CHECKLIST BOTH RICH ADJUST ON L/R/BOTH IN AND LOCKED DECLARE ON 121.5 7700	Master (ALT Only)	700 RPM)	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	MODE NO STATE OF STAT	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture Fuel Selector Ignition Switch Flaps Radio Call Master Switch Doors FINGINE FAIL A 3 turns nose-up trir B B BE C Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E Fuel Selector Mixture Throttle Carb Heat Mags Primer		Master (ALT Only)	MODE NO STATE OF STAT	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture Fuel Selector Ignition Switch Flaps Radio Call Master Switch Doors ENGINE FAIL A 3 turns nose-up trir B B BE C Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E Fuel Selector Mixture Throttle Carb Heat Mags Primer D Mayday Squawk E Fuel Selector Mixture Throttle Carb Heat Mags Mayday Squawk E Fuel Selector Mixture Mags Mayday Squawk		Master (ALT Only)	MODE NO STATE OF STAT	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050
Mixture		Master (ALT Only)	MODE NO STATE OF STAT	Knots 87 91 96 100 104	MPH 100 105 110 115 120	Approximate Pivotal Altitude 670 735 810 885 960 1050



POH/AFM takes priority over this checklist.

CESSNA 172M MPH STEAM GAUGES PREFLIGHT CHECKLIST

Updated September 6th, 2022 (Rev. 7-B)

COCKPIT SAFETY CHECK		
Magnetos	OFF, KEY OUT	
Mixture	IDLE CUTOFF	
Throttle	CLOSED	

Aircraft Cover Cowl Plugs	REMOVE
Cowl Plugs	REMOVE
Pitot Tube Cover	REMOVE
Chocks	REMOVE
Engine Preheat	BELOW 0 °C/32 °F
WingsCH	IECK FOR ICE/FROST
3	. ,

CABI	N
Keys	
Documents	S.P.A.(R.)R.O.W.
Supplements	CHECK
Placards	
Airworthiness Cert	VISIBLE
Radio Station Lic	INT'L FLIGHT
Registration	VALID
P.O.H/A.F.M	CHECK
W&B Info	IN BINDER
Hobbs Meter	RECORD
Fire Extinguisher	
Control Wheel Lock	
Ignition Switch	
Mixture	IDLE CUTOFF
Throttle	
Carburetor heat	
Avionics Master Switch	
Master Switch	
Fuel Quantity	
Alternate Static Source	
Fuel Selector	
Elevator Trim	
Flaps	
Pitot Heat	
Exterior Lights	
Master Switch	OFF

LEFT	WING
Door Pins	INSPECT
Cabin Vents and Inlets	INSPECT
Leading Edge	INSPECT
Wing Tie Down	REMOVE
Main Gear/Tire/Brakes	INSPECT
Pitot Tube	CHECK UNBLOCKED
Stall Horn	CHECK UNBLOCKED
Fuel Vent	CHECK UNBLOCKED
	INSPECT
Left Aileron	INSPECT
Hinges (x3)	BOLTS SECURE
Weights	INSPECT
Static Wicks (x2)	INSPECT
Flaps	INSPECT
Rod	INSPECT

EMDENNAGE

EMPENNAGE	
Baggage Door	LOCKED
Skin and Rivets	
Vertical Stabilizer	INSPECT
Left Horizontal Stabilizer	INSPECT
Left Elevator	. INSPECT
Weight	SECURE
Hinges	SECURE
Cables	SECURE
Rudder	INSPECT
Hinges	SECURE
Cables	SECURE
Tail Tie Down	REMOVE
Right Elevator	INSPECT
Cables	SECURE
Trim Tab	. INSPECT
Hinges	SECURE
Weight	SECURE
Right Horizontal Stabilizer	. INSPECT
Antennas	INSPECT
Underside	. INSPECT

RIGHT W	ING
Door Pins	INSPECT
Cabin Vents and Inlets	INSPECT
Leading Edge	INSPECT
Wing Tie Down	REMOVE
Main Gear/Tire/Brakes	INSPECT
Wing Tip/Nav Lights	
Right Aileron	INSPECT
Hinges (x3)	BOLTS SECURE
Weights	INSPECT
Static Wicks (x2)	INSPECT
Flaps	INSPECT
Rod	INSPECT

NOSE AND COWLING
Windshield CLEAN
Oil Level CHECK
Cold: ≥ 6 Qts, Warm: ≥ 5 1/2 Qts
\leq 10 hrs to mx: \geq 5 Qts
Do Not Over Tighten Oil Cap
Oil Access Door SECURE
Engine Cowling SECURE
No Consecutive Fasteners Missing
Prop/SpinnerINSPECT
No Cracks, No Screws Missing
Cowling Inlets CHECK
Alternator Belt CHECK TENSION
Air Filter CHECK
Exhaust CHECK FOR CRACKS
Nose Gear/Tire/StrutINSPECT
Static Port CHECK UNBLOCKED

FINAL CHECK		
Fuel Sumps	DRAIN	
Left Wing (1)	DRAIN	
Right Wing (1)	DRAIN	
Nose (1)	PULL & DRAIN	
Fuel Quantity	VISUAL CHECK	
Fuel Caps		
Last 360° Walk Around	I COMPLETE	
Chocks	CONFIRM REMOVED	
Tie Downs	CONFIRM REMOVED	
Cowl Plugs	CONFIRM REMOVED	
Pitot Cover	CONFIRM REMOVED	
Preflight	COMPLETE	

PERSONAL CHECKLIST

PAVE to perceive hazards	
Pilot	CHECK
Experience/recency	CHECK
Physical conditionSEE	
Aircraft	.CHECK
Fuel reserves	. CHECK
Performance	.CHECK
 Equipment 	CHECK
En V ironment	
Weather	. CHECK
External Pressures	.CHECK
IMSAFE to check pilot phys. condition	on
Injury	CHECK
Medication	CHECK
Stress	.CHECK
Alcohol	CHECK
Fatigue	CHECK
Emotion	. CHECK

DACCENCED BRIEF	TAVI	DUNIWAY ENTRY	
PASSENGER BRIEF	TAXI	RUNWAY ENTRY	
	Taxi AreaCLEAR	Time for Lights, Camera, Action, Traffic	
Fastened during taxi, takeoff, landing.	Brakes CHECK	Timer START	
Recommended always.	Check for dip in Attitude Indicator	LightsLANDING & STROBES ON	
A – Air ventsUSAGE	ControlsPOSITION FOR WIND	TransponderVERIFY CODE/ALT	
Sick? Loosen clothing, use air, look at point on	Flight Instruments CHECK IN TURNS	Mixture RICH	
horizon. Location of sick sacks.		Carb HeatCOLD	
F – Fire extinguisherUSAGE	ENGINE RUNUP	TrafficVERIFY RWY/APCH CLEAR	
P – Pull pin	AircraftPOSITION INTO WIND	Runway Number CONFIRM	
A – Aim at base of fire	Parking BrakeSET	Heading/Compass MATCHES RWY	
S – Squeeze	Seats and Seat BeltsSECURE	ricaaiiig/ooriipassivi/troriiLo ttvv r	
S – Sweep	Cabin Doors	NORMAL TAKEOFF	
E – ExitsLOCATION/USAGE	Flight Controls FREE & CORRECT		
T - TrafficEXPLAIN			
Clock Position / Who's looking	Flight Instruments		
Y - Yak (Sterile Cockpit)	Standby Flight Instruments CHECK	•	
No extraneous conversation under cruise or	Fuel QuantityCHECK		
10,000' MSL (whichever is lower)	Fuel Selector Valve RECHECK BOTH	Airspeed"ALIVE"	
Y – Yoke	Elevator Trim SET FOR TAKEOFF	Rotate65 MPH "ROTATE"	
3 way positive exchange of flight controls.	Throttle 1700 RPM	Climb90 MPH	
Stay clear of active flight controls.	MagnetosR, B, L, B		
Y - Any questions?	Drop less than 150 and 50 between mags	SHORT FIELD TAKEOFF	
	Carb Heat CHECK RPM DROP	Flaps UP	
BEFORE START	Engine InstrumentsGREEN	Brakes HOLD	
PreflightCOMPLETE	Ammeter ZERO OR POSITIVE	Throttle FULL	
Passenger Briefing COMPLETE	Suction Gauge 4.9" TO 5.1"	Engine Instruments" "GREEN"	
Seats and BeltsADJUSTED/LOCKED	Throttle CHECK IDLE	Engine RPM AT LEAST "2200 RPM"	
Fuel Selector ValveBOTH	Throttle800 RPM	BrakesRELEASE	
Avionics Master Switch OFF	Throttle Friction LockADJUST		
	Radios SET	Rotate	
BrakesTEST AND SET Test both sides and look for drips.	GPS Flight PlanVERIFY	Climb	
1	•		
	2nd Radio	ObstacleCLEARED	
	XPDRVERIFY CODE/ALT	Flaps UP	
Nav LightsON AT NIGHT/IFR	CDI Softkey SELECT NAV SOURCE	Climb90 MPH	
ENGINE CTART	Wing FlapsSET	COST SIELD TAKEOUS	
ENGINE START	Cabin WindowsCLOSED & LOCKED	SOFT FIELD TAKEOFF	
Mixture RICH	Heading Indicator ADJUST	Flaps 10°	
Carb HeatCOLD	BrakesRELEASE	Brakes NONE	
Prime Engine for Cold Start or as req'd		Control WheelFULL AFT	
Throttle / PrimerPRIME	TAKEOFF BRIEF	Throttle SLOWLY ADVANCE FULL	
Try Throttle First, Then Use Primer	Conditions	Engine Instruments "GREEN"	
PrimerIN & LOCKED	Weather (Wind, Ceilings, Etc.)	Engine RPM AT LEAST "2200 RPM"	
Master Switch ON	Hazards	Airspeed"ALIVE"	
Throttle	Weather, Terrain, Wildlife, Traffic, etc.	Main GearLIFT OFF	
·	Runway	Ground EffectMAINTAIN TO 70 MPH	
Prop Area	Number (L/R), Length	Flaps UP	
Ignition Switch ENGAGE	Return/Emergency Procedures	Climb90 MPH	
Do NOT Crank for > 10 secs. Allow 20 secs	Before Rotation	CIII 10	
between start attempts!	After Rotation w/ Sufficient Rwy		
Throttle			
Oil Pres ABOVE RED LINE (30 SEC)			
MixtureLEAN 1"	Above 1000' AGL		
A ETED CTART	• Establish PIC in emergency		
AFTER START	Takeoff (Brief)		
Flaps UP	Normal, Short, Soft?		
Avionics Master SwitchON	• From Runway		
GPS Database CHECK DATES	Wind speed and direction		
GPS Fuel SET	Speeds: rotate, initial/enroute climb		
RadiosTUNE, GET ATIS/AWOS			
Altimeter SET			
Heading Indicator BUG WIND			
ClearanceOBTAIN			
TransponderSET/ALT			
GPS Flight Plan SET			
321			