

PREFLIGHT CHECK

1 Aircraft log and papers	CHECKED	1
2 Cabin	CHECKED	2
3 Fuel quantity	L+R, ENDURANCE	3
4 Fuel drain	NO WATER	4
5 Engine oil	CHECKED	5
6 Ski pump oil (if ski are mounted)	CHECKED	6
7 Outside check	COMPLETED ACC. AFM	7
8 Tie-down and tow-bar	DISCONNECT / REMOVED	8
9 Load sheet	WITHIN LIMITS	9

PREFLIGHT CHECK COMPLETED**CHECK BEFORE ENGINE START**

1 Seat	ADJUSTED	1
2 Seat belts and harness	FASTENED	2
3 Parking brake	SET	3
4 Electrical consumers	OFF	4
5 Circuit breakers	CHECKED	5
6 Master switch	ON	6
7 Flight time logger	CHECKED AND RESET	7
8 Fuel quantity	L+R, ENDURANCE	8
9 Fuel selector	PROPER TANK	9
10 Mixture	RICH	10
11 Carburateur heat	OFF	11
12 Throttle	CLOSED	12
13 Ski pump (if ski are mounted)	POSITION / PRESSURE CHECKED	13
14 Ski L+R (if mounted)	POSITION CHECKED	14
15 Cabin door and windows	CLOSED	15

CHECK BEFORE ENGINE START COMPLETED**ENGINE START**

1 Ignition key	IN, POSITION OFF	1
2 Primer (cold engine only)	1 - 5 STROKES	2
3 Throttle	0.5 CM OPEN	3
4 Propeller area	CLEAR	4
5 Ignition switch	START	5
6 Throttle	SET 1000 RPM	6
7 Oil pressure (after max 30 s)	GREEN ARC	7

ENGINE START COMPLETED

CHECK AFTER ENGINE START

1 NAV lights switch.....	SET AS REQUIRED	1
2 Avionics	ON AND SET	2
3 FLARM switch (ECW100).....	ON	3
4 Flight instruments	CHECK AND SET	4
5 Engine instruments.....	CHECKED	5
6 Primer.....	IN AND LOCKED	6
7 Engine warm up	CHT MIN 100°	7

CHECK AFTER ENGINE START COMPLETED**TAXI CHECK**

1 Brakes and steering.....	CHECKED	1
2 Compass	CHECKED	2

TAXI CHECK COMPLETED**RUN-UP**

1 Parking brake	SET.....	1
2 Oil temperature.....	GREEN ARC	2
3 Zone behind aircraft.....	FREE	3
4 Throttle	SET 1800 RPM.....	4
5 Oil pressure	GREEN ARC	5
6 Ammeter.....	CHECK LOADING	6
7 Ignition switch (L-B-R-L-B)	CHECKED (MAX -125 / Δ MAX 50 RPM)	7
8 Carburateur heat	CHECK FUNCTION.....	8
9 Mixture.....	CHECK FUNCTION.....	9
10 Throttle	CLOSED, 600 - 700 RPM	10
11 Throttle	SET 1000 RPM.....	11

RUN-UP COMPLETED

CHECK BEFORE DEPARTURE

1 Fuel selector.....	PROPER TANK.....	1
2 Fuel quantity.....	L+R, ENDURANCE	2
3 Mixture.....	RICH OR AS REQUIRED	3
4 Carbureteur heat	OFF	4
5 Ignition switch.....	BOTH.....	5
6 Elevator trim	SET FOR DEPARTURE	6
7 Flaps.....	SET FOR DEPARTURE	7
8 Flight controls.....	FREE	8
9 Flight instruments and avionics	SET FOR DEPARTURE	9
10 Engine instruments.....	CHECKED	10
11 Cabin door and windows	CLOSED	11
12 Seat position and belts	RECHECKED AND LOCKED	12
13 Ski pump (if ski are mounted).....	POSITION / PRESSURE CHECKED	13
14 Ski L+R (if mounted).....	POSITION CHECKED	14
15 Departure briefing (PAGE 6)	COMPLETED	15

CHECK BEFORE DEPARTURE COMPLETED**LINE UP CHECK**

1 Approach sector and runway.....	CLEAR.....	1
2 Landing light switch	ON	2
3 Time	NOTED	3

LINE UP CHECK COMPLETED**TAKE OFF CHECK**

1 Wind	CHECKED	1
2 Runway heading.....	CHECKED	2
3 Throttle	FULL OPEN.....	3
4 Engine power	MIN 2200 RPM, STEADY	4
5 Indicated air speed	RISING	5
6 Rotating speed	V _R : 40 MPH.....	6
7 Best angle of climb speed	V _X : 45 MPH.....	7

TAKE OFF CHECK COMPLETED

CLIMB CHECK

1	Flaps.....	UP, WHEN CLEAR OF OBSTACLE.....	1
2	Climb power	SET, REDUCE WHEN SAFE	2
3	Best rate of climb speed	V _y : 75 MHP.....	3
4	Mixture.....	SET ACC. AFM.....	4
5	Engine instruments.....	CHECKED	5

CLIMB CHECK COMPLETED**CRUISE CHECK**

1	Altimeter	SET (STD / QNH)	1
2	Cruise power	SET ACC. AFM.....	2
3	Mixture.....	SET ACC. AFM.....	3
4	Fuel quantity.....	L+R, ENDURANCE	4
5	Fuel selector.....	PROPER TANK.....	5
6	Engine instruments.....	MONITOR.....	6
7	Landing light switch	AS REQUIRED	7

CRUISE CHECK COMPLETED**DESCENT CHECK**

1	ATIS or AD information.....	NOTED	1
2	Approach briefing (PAGE 6).....	COMPLETED	2
3	Avionics	SET AND CHECKED.....	3
4	Mixture.....	ADJUST FOR SMOOTH OPERATION ..	4
5	Cabin and PAX.....	SECURED AND FASTENED	5

DESCENT CHECK COMPLETED**APPROACH CHECK**

1	Altimeter	SET QNH.....	1
2	Fuel quantity.....	L+R, ENDURANCE	2
3	Fuel selector.....	PROPER TANK.....	3
4	Mixture.....	RICH OR AS REQUIRED	4
5	Carburateur heat	SET AS REQUIRED	5
6	Ski pump (if ski are mounted).....	POSITION / PRESSURE CHECKED	6
7	Ski L+R (if mounted).....	POSITION CHECKED	7
8	Landing light switch	ON	8

APPROACH CHECK COMPLETED

LANDING CHECK

1	Flaps.....	SET FOR LANDING	1
2	Ski pump (if ski are mounted).....	POSITION / PRESSURE CHECKED	2
3	Ski L+R (if mounted).....	POSITION CHECKED	3
4	Final speed	CHECKED, V_{FINAL} : 60 MPH	4
5	Mixture.....	RICH OR AS REQUIRED	5
6	Carburateur heat	OFF, SET FOR GO AROUND	6

LANDING CHECK COMPLETED**GO AROUND**

1	Throttle	SLOWLY FULL OPEN.....	1
2	Carburateur heat	OFF, RECHECKED	2
3	Positive attitude	CHECKED	3
4	Flaps.....	RETRACT SLOWLY UP	4
5	Best angle of climb speed	V_X : 45 MPH.....	5

GO AROUND COMPLETED**AFTER LANDING CHECK**

1	Time	NOTED	1
2	Landing light switch	OFF	2
3	Carburateur heat	OFF	3
4	Flaps.....	UP.....	4

AFTER LANDING CHECK COMPLETED**ENGINE SHUT DOWN AND PARKING**

1	Parking brake	SET.....	1
2	Throttle	SET 1000 RPM.....	2
3	COM	MONITOR 121.500 MHZ	3
4	Electrical consumers	OFF	4
5	Mixture.....	CUT OFF	5
6	Ignition switch.....	OFF AND KEY REMOVED.....	6
7	Flight time logger.....	NOTED	7
8	Master switch	OFF	8
9	Aircraft log	COMPLETED	9
10	Tie-down, tow-bar.....	INSTALLED AS REQUIRED	10

ENGINE SHUT DOWN AND PARKING COMPLETED

DEPARTURE BRIEFING

- 1 RWY SAY DEPARTURE RUNWAY 1
 RWY length IN METER
 RWY conditions DRY / WET / CONCRETE / GRASS
 Wind CHECKED
- 2 Routing & Altitudes DESCRIBE OUTBOUND ROUTE 2
- 3 Speeds $V_R / V_X / V_Y / V_G$ 3

Abnormal Situation / Emergency ...

• **DESCRIBE ACTIONS FOR:**

- 4 Any failure on ground 4
 - ACCELERATE - STOP DISTANCE
 - POWER IDLE, BRAKE, HOLD CENTERLINE, INFORM ATC
- 5 Engine failure below 1000 ft AGL 5
 - NOSE DOWN, MINIMUM V BEST GLIDE V_G
 - LAND STRAIGHT AHEAD +/- 30° OF CENTERLINE
 - NO RETURN TO AIRFIELD
- 6 Engine failure above 1000 ft AGL 6
 - NOSE DOWN, MINIMUM V BEST GLIDE V_G
 - RESTART PROCEDURE, CHECK FROM "LEFT TO RIGHT"
 - IF POSSIBLE RETURN TO AIRFIELD
 - USE OF FLAPS DEPENDS ON THE CIRCUMSTANCES, NORMALLY FLAPS SHOULD BE FULLY EXTENDED FOR TOUCHDOWN

DEPARTURE BRIEFING COMPLETED

APPROACH BRIEFING

- 1 ATIS or AD information NOTE IMPORTANT INFORMATION 1
- 2 Aerodrome elevation IN FEET 2
- 3 RWY RWY IN USE AND RWY LENGTH 3
- 4 RWY condition DRY / WET / CONCRETE / GRASS 4
- 5 Routing and altitudes OVERFLIGHT AND DOWNWIND 5
- 6 Approach speeds V_{APP} AND V_{FINAL} 6
- 7 Missed approach procedure VAC 7
- 8 Alternate airport VAC 8

APPROACH BRIEFING COMPLETED

MAXIMUM CERTIFICATED WEIGHTS

CONVERTED

MAXIMUM TAKE OFF WEIGHT	794	KG	.....	1750	LBS
MAXIMUM LANDING WEIGHT	794	KG	.....	1750	LBS

FUEL

MAX CAPACITY	136	L	.....	36	USG
USABLE	129	L	.....	34	USG
FUEL FLOW	35	L/H	.....	9.3	USG/H

AIRSPEEDS

V _R (ROTATING SPEED).....	40	MPH	.....	35	KT
V _X (BEST ANGLE OF CLIMB SPEED)	45	MPH	.....	39	KT
V _Y (BEST RATE OF CLIMB SPEED)	75	MPH	.....	65	KT
V _A (MANEUVERING SPEED)	96	MPH	.....	83	KT
V _G (BEST GLIDE SPEED).....	70	MPH	.....	61	KT
V _{NO} (MAX. STRUCT. CRUSING SPEED).....	121	MPH	.....	105	KT
V _{NE} (NEVER EXCEED SPEED).....	153	MPH	.....	132	KT
V _{FE} (MAX. FLAPS EXT. SPEED).....	85	MPH	.....	73	KT
V _{S1} (STALLING SPEED CLEAN CONFIG.)	47	MPH	.....	41	KT
V _{S0} (STALLING SPEED FULL FLAPS).....	43	MPH	.....	38	KT
V _{APP} (APPROACH SPEED).....	70	MPH	.....	61	KT
V _{FINAL} (FINAL SPEED)	60	MPH	.....	52	KT