



CHECK - LIST - VELIVOLO - " GENERAL AVIA F 22 C"

SPEEDS FOR NORMAL OPERATION	
ROTATION SPEED VR.	60 KIAS
NORMAL CLIMB " Vx "	75 KIAS
NORMAL CLIMB " Vy "	85 KIAS
NORMAL APPROACH (FLAP UP)	85 KIAS
NORMAL APPROACH (FULL FLAP)	80 KIAS
MAX SPEED FLAP 20°	110 KIAS
MAX SPEED FLAP 40°	100 KIAS
MAX SPEED EXTRACTION GEAR "VLO"	90 KIAS
MAX SPEED GEAR DOWN "VLE"	100 KIAS
MAX CROSS WIND	15 KIAS
MANOEUVRE SPEED "VNA"	149 KIAS
MAX TURBULENT AIR PENETRATION "VNO"	169 KIAS
MAX SPEED STRUCTURAL "VNE"	216 KIAS

PRE-FLIGHT INSPECTION	
WEIGHT AND BALANCE	OK
OFFICIAL DOCUMENTS	OK - ON BOARD
PARKING BRAKE	SET
CANOPY	CLOSED AND LATCHED
PILOT SEAT AND BELT	ADJUST AND SECURE
CONTROL WHELL LOCK	REMOVED
INSTRUMENTS	CHECK
PITOT HEAT	CHECK
DEFROST	OFF
CABIN HEAT	OFF
CARBURETOR HEAT	COLD
THROTTLE FRICTION	AS REQUIRED
MIXTURE	LEAN
THROTTLE	IDLE
FUEL LEVEL	CHECK
FUEL VALVE	OPEN
RADIO	OFF
CIRCUIT BREAKERS	CHECK IN
LANDING GEAR LEVER	DOWN
TRIM	ZERO

PRE-FLIGHT INSPECTION **COMPLETED**

ENGINE START	
MIXTURE	RICH
BATTERY	ON
LANDING GEAR LIGHTS	THREE GREEN
STROBE LIGHT	ON
FUEL PUMP	ON
FUEL PRESSURE	GREEN RANGE
THROTTLE	OPEN 1/4
PROPELLER	HIGH RPM
MAGNETOS	BOTH
IGNITION SWITCH	ON
THROTTLE	1.200 RPM
OIL PRESSURE	INCREASE IN 30 SEC.
ALTERNATOR	ON
ALTERNATOR LIGHT	OFF
AMMETER	CHECH
FUEL PUMP	OFF

ENGINE START CHECK LIST **COMPLETED**

AFTER START	
NAV LIGHTS	ON
CIRCUIT BREAKERS	CHECK IN
RADIO	ON
FLAP	DOWN-UP 20°

AFTER START CHECK LIST **COMPLETED**

TAXI	
PARKING BRAKE	RELASED
BRAKE	CHECK
FLIGHT INSTRUMENTS	CHECK
EMERGENCIES T.O. BRIEFING	PERFORMED

TAXI CHECK LIST **COMPLETED**

ENGINE RUN UP	
PARKING BRAKE	SET
ENGINE INSTRUMENTS	GREEN RANGE
TRHOTTLE	1.800 RPM
CARBURETOR HEAT	CHECK
MIXTURE	CHECK
PROPELLER	CHECK
TRHOTTLE	2.000 RPM
MAGNETOS (max 175 RPM drop - max 50 RPM diff.)	CHECK
TRHOTTLE	1.200 RPM

ENGINE RUN UP CHECK LIST **COMPLETED**

BEFORE TAKE OFF	
FLIGHT CONTROLS	CHECK
PILOT SEAT AND BELT	ADJUST AND SECURE
CANOPY	CLOSED AND LATCHED
BATTERY AND ALTERNATOR	ON
ENGINE INSTRUMENTS	GREEN RANGE
MAGNETOS	BOTH
PROPELLER	HIGH RPM
CARBURETOR HEAT	COLD

MIXTURE	RICH
FLAP	CHECK 20°
TRIM	ZERO
FUEL PUMP	ON
LANDING LIGHT	ON
FINAL	FREE
FINAL	FREE

BEFORE TAKE OFF CHECK LIST **COMPLETED**

LINE UP	
ATC TRANSPONDER	AS REQUIRED
PITOT HEATER	AS REQUIRED
COMPASS AND GYRO	ALIGN AND SYNCRO
TRHOTTLE	1.500 RPM

LINE UP CHECK LIST **COMPLETED**

AFTER TAKE OFF	
TAKE OFF ATTITUDE	ATTAIN
BRAKERS	APPLY
POSITIVE CLIMB GEAR	UP
FLAP (300 ft.)	UP
CLIMB POWER	SET 25"/2.500 RPM
LANDING LIGHT	OFF
FUEL PUMP	OFF

AFTER TAKE OFF CHECK LIST **COMPLETED**

CLIMB	
CLIMB POWER	SET 25"/2.500 RPM
MIXTURE	RICH
CLIMB AT "Vy"	85 KIAS

CLIMB CHECK LIST **COMPLETED**

CRUISE	
ALTIMETER ABOVE TRANS. ALTITUDE	1013,2
ENGINE INSTRUMENTS	MONITOR
FUEL PUMP	OFF
COMPASS AND GYRO	SYNCRONIZED
MIXTURE	AS RQRD
CRUISER POWER	SET 21"/2.350 RPM

CRUISE CHECK LIST **COMPLETED**

DESCEND	
SAFTY ALTITUDE	CKD
ALTIMETER CROSSING TRANS. LEVEL	QNH
POWER	SET 18"/2.200 RPM
CARBURETOR HEAT	AS RQRD
TRIM	AS RQRD

DESCEND CHECK LIST **COMPLETED**

APPROACH	
CARBURETOR HEAT	AS RQRD
CARBURETOR HEAT	AS RQRD
MIXTURE	RICH
FLAP	20°
PROPELLER	INCREASE RPM
FUEL PUMP	ON
GEAR/LIGHTS	DOWN /3 LIGHTS GREEN
LANDING LIGHT	ON
SPEED	85 KIAS

APPROACH CHECK LIST **COMPLETED**

FINAL	
LANDING GEAR	DOWN /3 LIGHTS GREEN
FLAP	DOWN AS RQRD
CARBURETOR HEAT	COLD
PROPELLER	HIGH RPM
MIXTURE	RICH
SPEED	80 KIAS

FINAL CHECK LIST **COMPLETED**

GO AROUND	
GO AROUND ATTITUDE	ATTAIN
THROTTLE	FULL POWER
LANDING GEAR	UP
FLAP	20°
FLAP (IAS>75 Kts aND 300 ft.)	UP
POWER	SET 25"/2.500 RPM
FUEL PUMP	OFF

GO AROUND CHECK LIST **COMPLETED**

AFTER LANDING	
LANDING LIGHT	OFF
FUEL PUMP	OFF
FLAP	UP
TRIM	ZERO

AFTER LANDING CHECK LIST **COMPLETED**

PARKING	
PARKING BRAKE	SET
RADIOS	OFF
TRHOTTLE	1.200 RPM
MIXTURE	CUT OFF
MAGNETOS	OFF
ELECTRICAL SWITCHES	ALL OFF
BATTERY AND ALTERNATOR	OFF

PARKING CHECK LIST **COMPLETED**

EMERGENCY PROCEDURES

LANDING GEAR FAILURE MANUAL EXTENSION

LANDING GEAR BREAKER	OFF
LANDING GEAR SWITCH	DOWN
TO OPEN THE COVER OF THE MECHANISM SITUATED IN THE CONSOLE AMONG THE SEATS.	ACTUATE
LIFT THE CRANK.	ACTUATE
ENGAGE THE CRANK IN THE PLANT WITH TREE OF THE MECHANISM.	ACTUATE
ROTATE THE CRANK IN THE SENSE OF THE ARROW, UNTIL IT REACHES THE RUN END. (ABOUT 37 TURNS)	ACTUATE
GEAR THREE LIGHTS GREEN	ON
IF ELECTRICAL FAILURE CHECK MECCANICAL INDICATOR	CHECK

ENGINE RELIGHTING

FUEL PUMP	ON
MIXTURE	RICH
PROPELLER	HIGH RPM
THROTTLE	OPEN 1/4
BATTERY	ON
ALTERNATOR	ON
SPEED	75 KIAS
MAGNETOS	BOTH

FORCED LANDING

FUEL SELECTOR	CLOSED
THROTTLE	FULL CLOSED
MIXTURE	CUT OFF
MAGNETOS AND SWITCHES	OFF
CABIN HEAT	CLOSED

SPEED FOR EMERGENCY OPERATIONS

ENGINE FAILURE AFTER TAKE OFF	75 KIAS
MAX GLIDE	75 KIAS
PRECAUTIONARY LAND. WITH ENG. POWER	75 KIAS

FIRE

FUEL SELECTOR	CLOSED
THROTTLE	FULL OPEN
MIXTURE	CUT OFF
MAGNETOS AND SWITCHES	OFF
CABIN HEAT	CLOSED

ATTENTION!

IN CASE OF ELECTRICAL FAILURE FLAP DO NOT WORK, IF FLAP IS UP KEEP A SPEED NOT LOWER THAN 85 KTS.