

COMBATWOMBAT'S

**COCKPIT CHECKLIST
-ENGLISH
L-39ZA ALBATROSS**

VERSION 1.0
16JULY2021

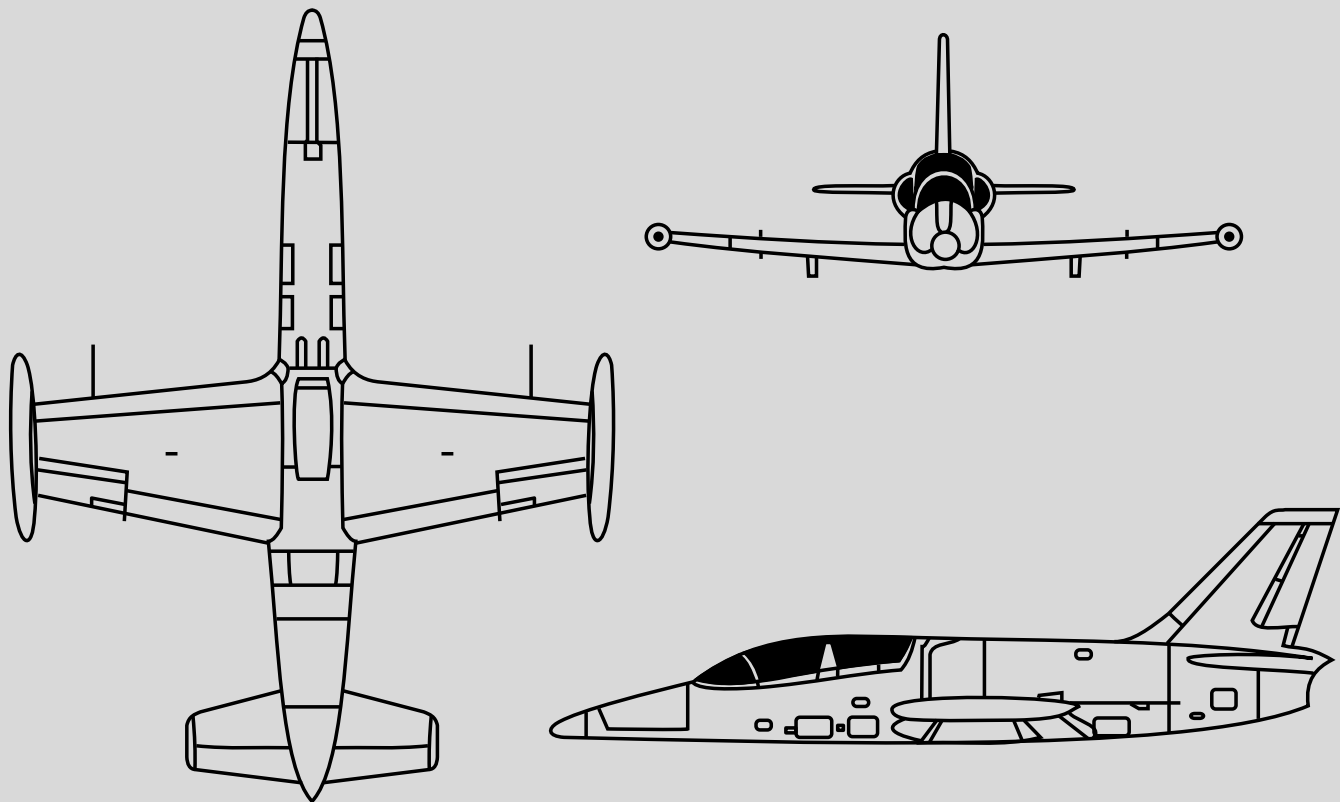


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SPECIFICATIONS



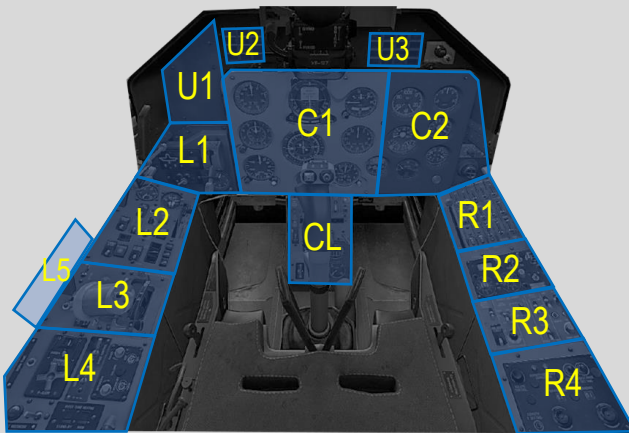
LENGTH	39 Feet	WINGSPAN	30 Feet	HEIGHT	15 Feet
GENERAL					
V _{NE}	485 Knots	V _{NE STORES}	470 Knots		
CEILING	37,700 Feet	MTOW	12,350 Pounds	MLAND	10,860 Pounds
V _{Gear}	183 Knots				
V _{FExt}	167 Knots				
V _{S0}	115-110 Knots	V _{S1}	110-107 Knots	V _{S2}	105-97 Knots
TAKE OFF	Take off run	4200 Feet max			
V _{Rot}	80 Knots				
V _{take off}	97-102 Knots				
LANDING	Landing run	3510 Feet			
V _{Circuit}	190 Knots				
V _{App}	150 Knots				
V _{Flare}	124 Knots				
V _{Land}	102 Knots				



START UP, TAXI CHECKS & TAKE OFF

START UP

L4	OXY SUPPLY	ON
L4	OXY DILUTER	AUTO
L3	RADIO	SET CHAN
	PITOT SELECTOR	MAIN
	THROTTLE	FREE
L2	PARK BRAKE	ON
C1	ACCELEROMETER	RESET
R1	BATTERY	SW1-1
	ENGINE	SW1-4
	INV	SW2-1,SW2-2
	RDO	SW2-4
L4	FLIGHT DATA RECORDER	ON
L2	APU (BLACK TURBO)	ON
RHS	SHUT CANOPY	CLICK
L2(UP)	LOCK CANOPY	CLICK
R3	PRESSURISE COCKPIT	CLICK
L2	ENGINE (BLUE)	ON 3-6SEC
L2	THROTTLE IDLE	ON
C2	RPM	56%
C2	OIL PRES & TEMP	OK
R1	GENERATORS	SW1-2,SW1-3
	COMPASS	SW1-5
	RSBN	SW3-1
	MAP-RV	SW3-5
	TANKS	SW2-5
L2	BRAKES	OFF
L3	PITOT	ON
R1	DEICING	SW3-4
	AOA HEAT	SW1-6
R2	ANTI-ICE	AUTO
U2	WARNING LIGHTS	ALL OFF



TAXI CHECKS

L2	FLAPS	TAKE OFF
HOTAS	TRIM	NEUTRAL
	AIRBRAKE	OFF
C1	RADAR ALT	SET
L2 (UP)	TAXI LIGHT	ON
R3	NAV LIGHTS	ON
L2	BRAKES	OFF
L3	THROTTLE	85%
HOTAS	BRAKES	CHECK
C1	TURN INDICATOR	CHECK

TAKE OFF

	CASTOR WHEEL	CHECK
HOTAS	BRAKE	ON
L3	THROTTLE	106%
HOTAS	BRAKE	OFF
	RUDDER EFFECTIVE	60 Knots
	NOSE OFF	80 Knots
	TAKE OFF	97-102 Knots
	GEAR UP	< 183 Knots
	FLAPS UP	< 167 Knots



WEAPONS

FENCE CHECKS

FIRE CONTROL SYSTEMS

R1	WEAPONS CB	SW 2-3
CL	LAUNCH	SW1
	GUNSIGHT	SW2
	WEAPON SYS	SW3-6
U1	RELEASE CONFIG	SET

ECM

CL	FLARE DISPENSER	ON
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NAVAIDS

R4	TACAN	SET
	RSBN	SET
C1	RADAR ALT ALARM	SET

COMMS

L4	RADIO	SET
L5	MISSILE VOLUME	ON

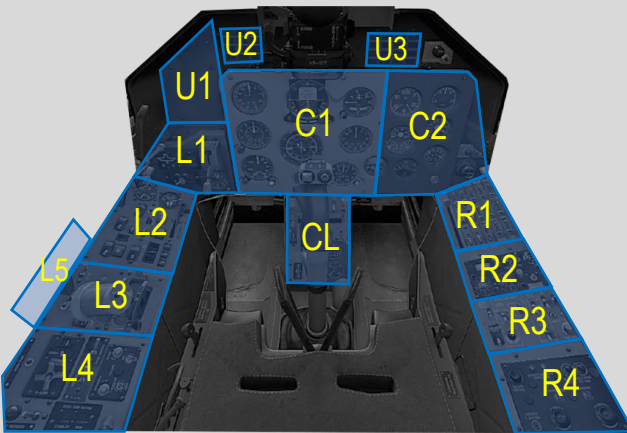
EMITTERS

R3	NAV LIGHTS	OFF
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GUNS IP:4000FT REL:1650FT

DIVE ANG	20			
GS DEP	1.5			

CL	GUNS IN/OUT	SW4,SW5
L5	CANNON GS	ON
U1	PK3+GS	ARM
	GUN INNER/OUTER	ARM
	PYLONS	SELECT
	EXPL CHARGE GS	PRESS
HOTAS	SAFETY	OFF



ROCKETS IP:4000FT REL:2500FT 250Knts

DIVE ANG	20	30		
GS DEP	2.5	2.3		

CL	MISSILE	SW3
U1	PYLONS	SELECT
	MISS	2-TRAIN-4

BOMBS IP:5000FT REL:2600FT

DIVE ANG	20	30	40	
GS DEP	13	11	10	

CL	BOMBS	SW4
U1	PYLONS	SELECT
	RELEASE MODE	TRAIN-1-SALVO

A2A MISSILES

CL	MISSILE	SW3
L5	GLOWING	ON
	HEATING	ON
	VOLUME	SET
U1	A-A PORT/STARB.	SELECT

MARKER FLARES

CL	ARM SYSTEM	ON
	RELEASE	SELECT COLOR



EMERGENCY PROCEDURES

AIR START - RPM < 15%

- ALT < 18,000FT
- V_{START} 161-188 Knots

L2	TURBO	ON 1-2 SEC
	TURBO LIGHT	ILLUMINATES
	ENGINE	ON 1-2SEC
L3	THROTTLE	STOP TO IDLE
C2	ENGINE RPM/EGT	INCREASE
	RPM	45%
	EGT	< 600°C
L3	THROTTLE	INCREASE

AIR START - RPM > 15%

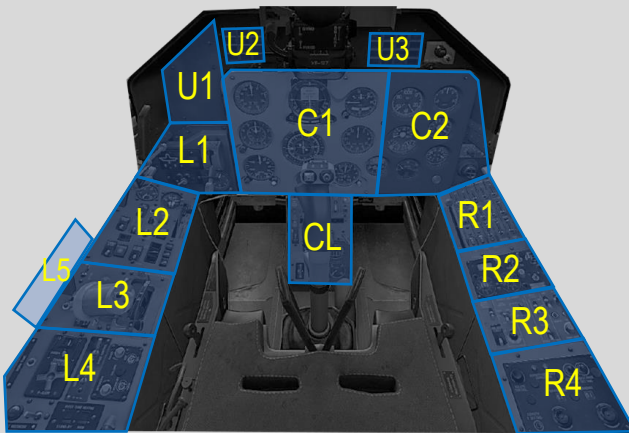
- ALT < 18,000FT
- V_{START} > 232 Knots

L2	ENGINE	ON 1-2SEC
L3	THROTTLE	STOP TO IDLE
C2	ENGINE RPM/EGT	INCREASE
	RPM	45%
	EGT	< 600°C
L3	THROTTLE	INCREASE

JETTISON STORES

- INSPECT LOCATION
- CONFIRM PYLON

U1	LIVE SWITCH	OPEN ON
	PYLON	OPEN ON



ENGINE FIRE

- FIRE SIGNAL ON (U2)
- MASTER CAUTION ON (U3)
- J.P.T 700°C and J.P.T 730°C ON (U3)
- SMOKE BEHIND PLANE DURING TURN

L3	THROTTLE	STOP
L	FUEL SHUT OFF	CLOSED
L2	EXT BUTTON	ON

ONCE FIRE EXTINGUISHED

- ASSESS SITUATION
 - EMERGENCY LANDING
 - FORCED LANDING
 - EJECT



CIRCUIT BREAKER PANELS

CL CENTER PANEL

0	0	0	0	0	0
ARM	GUNSIGHT	MISSILE	BOMBS	GUNS OUTER	GUNS INNER

R1 MAIN PANEL

0	0	0	0	0	0
BATTERY	GEN MAIN	GEN AUX	ENGINE	COMPASS	AOA HEAT
0	0	0	0	0	
INVERTOR	INVERTOR	WEAPONS	RADIO	TANKS	
0	0	0	0	0	0
RSBN	RSBN	IFF	DEICING	MARKER BCN	SDU LANDING



CAUTION & WARNING PANELS

U2 LEFT HAND PANEL

FIRE	DANGEROUS ALTITUDE	M _{MAX}	STAND ALERT
150 KG FUEL	HYD SYST FAN	GENERATOR	NO LAUNCH
DON'T START	ENGINE VIBRATION	EMERGENCY GENERATOR	EXPLOSIVE
CANOPY UNLOCKED	CABIN PRESSURE	INV 115V FAIL	

U3 RIGHT HAND PANEL

DROP TANKS	WING TIP TANKS	END OF DESCENT	INV 3.36V FAIL
AIRCOND EMERG	MARKER	CONFORM AZIMUTH	ENG MIN OIL PRESS
ICE WARNING	AIRCOND OFF	TURBINE STARTER	J.R.T. 730°C
DE ICING ON	FUEL FILTER	FULL EMERG DELIVERY	J.R.T. 700°C



DISCLAIMER & ACKNOWLEDGEMENTS

- I am not a military pilot. I'm a VFR pilot, so my knowledge of some of the systems referenced is limited.
- This document is based off my own review of the manual and available tutorial videos
- Graphics are largely my own design. Exceptions include but potentially not limited to the wombat, and airframe diagram which came from Wikipedia as public source items.
- This document is intended for sim use only,
- Diagrams and checklists are designed to help a sim pilot with basic knowledge of the airframe find the right switch quickly
- This document is designed to assist with front seat operations.
- If your squadron is using these out of their original format/naming, please contact me on the forums and let me know. I don't mind but do like to keep a vague track of where my work is.
- Any errors can be reported through the forums. This is a large effort so I don't pretend they are 100% accurate.

SPECIFIC ACKNOWLEDGEMENTS

@Grim Reapers English cockpit tutorials helped greatly when getting started.



Please Enjoy! CombatWombat JUL 2021

