



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”**

“MITSUBISHI MU-2B 36A (MU2B)”

“CC – AQD”

A.- OPERATING LIMITATIONS

1.- LIMITATIONS	KIAS
VA	191
VMO (S.L. to 21.300)	250
MMO (Above 21.300)	.57
VFE Approach 5°	175
VFE 20°, 40°	155
VMC Flap 5°	99
VMC Flap 20°	99
VLE Extension	175
VLLO	175
VTire	139
Vww (Windshield)	175
Emergency Descent	250 / .57
Vxse Flaps 5°	130
Vxse Flaps 20°	125
Vyse Flaps 5°	140
Vyse Flaps 20°	135
Demo Cross Wind	
-Takeoff	22
-Landing	18
Min. Speed Icing	180

2.- ENGINE SPEED LIMITS %	
Takeoff Power	100 %
Max. Cont. Power	100%
Cruise Power	96%
ABSOLUTE MAXIMUM	106 % 5"
	105 % 30"
	101 % No

3.- FUEL	GAL
Type to Use	A, A1, B, JP4, JP5
Total Capacity to Use	364 Gal
-Mains	154
-Outers	30
-Tips	180

Fuel Imbalance	
-Ground	45 Gal
-Flight	150 Lbs. / 22 Gal

4.- STARTER DUTY CYCLE FOR BATTERY OR APU			
30 Sec.	ON	1 Min	OFF
30 Sec.	ON	1 Min	OFF
30 Sec.	ON	30 Min	OFF

5.- WEIGHT	POUNDS / KGS
Max. Ramp Weight	11.625 / 5.273
Max. T.O. Weight	11.575 / 5.250
Max. Landing Weight	11.025 / 5.000
Max. Zero Fuel Weight	9.950 / 4.513

6.- WINDMILLING RPM LIMITS	% RPM
28% a 100%	1 Min. Max.
18% a 28%	Not Allowed
10% a 18%	5 Min. Max.
5% a 10%	30 Min. Max
0% a 5%	Continuous

B. - EMERGENCIES PROCEDURES

1. ENGINE FAILURE PRIOR TO LIFTOFF

Power Levers: **GROUND IDLE**

Brakes: **AS NECESSARY**

Reverse Thrust: **AS REQUIRED**

2. ENGINE FAILURE AFTER LITOFF-CONTINUED CLIMB NOT POSSIBLE

Landing Gear: **DOWN**

Power (Operating engine): **AS REQUIRED**

Flaps: **TAKEOFF**

Landing Straight Ahead **105 KCAS MINIMUM**

3. ENGINE FAILURE AFTER LITOFF-CONTINUED CLIMB

Landing Gear: **UP**

Airspeed: **V_{xse} MINIMUM FOR FLAP
CONFIGURATION**

Condition Lever (failed engine): **EMERGENCY STOP**

Power Lever (failed engine): **TAKEOFF**

4. ENGINE FIRE

Condition Lever (failed engine)	EMERGENCY STOP
Power Lever (failed engine)	TAKEOFF
Fire Handle (fire engine)	PULL
DC Gen	OFF (AFFECTED ENGINE)
Ignition switch	OFF (AFFECTED ENGINE)
A/C and pressurization	SELECT BLEED OF OPERATING ENGINE OR RAM AIR
Land as soon as possible	SINGLE ENGINE

5. ENGINE SHUTDOWN

Control Lever (failed engine)	EMERGENCY STOP
Power Lever (failed engine)	TAKEOFF

6. EMERGENCY DESCENT

High Speed Descent

Power Levers	FLIGHT IDLE
Condition Levers	TAKEOFF LAND
Airspeed	Vmo / Mmo MAX.

Low Speed Descent

Power Levers	
Condition Levers	TAKEOFF LAND
Landing Gear	DOWN (BELOW 175 KCAS)
Flaps	40° (BELOW 120 KCAS)
Airspeed	Vfe (155 KCAS MAXIMUM)