



AEROPATIALE

SOCATA TBM960 N960EE

A.- LIMITACIONES DE OPERACIÓN

1.- LIMITATION SPEED (KIAS)

VSO LANDING	65
VS(CLEAN)	81
VS1(GEAR DOWN,FLAPS 10°)	77
VR	85
VX	100
VY	124
VA	158
VFE(10°)	178
VFE(34°)	122
VLO(EXTENDED)	178
VLO(RETRACT)	150
VLE	178
VMO	266
VG(BEST GLIDE)	120
0° FLAPS APPROACH SPEED	105
10° FLAPS APPROACH SPEED(ICE)	135
34° FLAPS APPROACH SPEED(ICE)	115
HOLDING SPEED	120
HOLDING SPEED(ICE)	135
MAX CROSS WIND	20

2.- FUEL (US GAL)

TOTAL FUEL	301 USG
USABLE FUEL	292 USG
MAX FUEL IMBALANCE	15 USG

3.- STARTER LIMITATIONS

BETWEEN 1Start AND 2nd	1 MIN
BETWEEN 2nd start and 3rd	5 MIN
BETWEEN 3rd start and 4th	30 MIN

4- WEIGHT LIMITATIONS LBS

MAX TAKEOFF WEIGHT (MTOW)	7615
MAX LANDING WEIGHT(MLW)	7110
MAX RAMP WEIGHT(MRW)	7650
MAX ZERO FUEL WEIGHT(MZFW)	6252
MAX BAGGAGE	220

5.- POWER OPERATING LIMITATIONS

TORQUE LIMITATION	100% at NP=1925 RPM
Ng LIMITATION	104%
Np LIMITATION	1925 RPM
ITT LIMITATION	850° C
ITT ENGINE RUNNING	850° - 900°
ITT DURING START	900° - 1000° C 5 Seg.
OIL PRESS	60 PSI MIN
OIL TEMP	104° C MAX
OIL CAPACITY	12.7 QTS

6.- ALTITUDE OPERATING LIMIT

MAX. ALTITUDE	31.000 FT
MAX.DIFFERENTIAL PRESS	6.2 PSI

B.- EMERGENCIES PROCEDURES

1.- ENGINE FIRE ON THE GROUND

THROTTLE	IDLE
ENGINE MODE SWITCH	OFF
FUEL TANK SELECTOR	OFF
BLEED SWITCH	OFF/RESET
FAN SELECTOR	OFF
BRAKES	AS REQUIRED
WARN GROUND ASSISTANCE	IF NECESSARY
CRASH LEVER	PULL DOWN
EVACUATE	ASAP

2.- ENGINE FIRE IN FLIGHT

OXIGEN MASK	USE
THROTTLE	IDLE
ENGINE MODE SWITCH	OFF/RESET
FUEL TANK SELECTOR	OFF
AUX BP SWITCH	OFF
BLEED SWITCH	OFF/RESET
FAN SELECTOR	OFF
EMERGENCY DESCENT	PERFORMANCE IF NECESSARY
FORCED LANDING OR DITCHING	PERFORMANCE IF NECESSARY

3.- EMERGENCY DESCENT-MAXIMUM RATE

OXYGEN MASKS	USE
THROTTLE	IDLE
DESCENT ATTITUDE	10° to 20° NOSE DOWN
FLAPS	UP
LANDING GEAR CONTROL	UP
SPEED	VMO = 266 KIAS

4.- ENGINE FAILURE IN FLIGHT

OXIGEN MASK (IF ABOVE 10.000 FT)	USE
THROTTLE	IDLE
ENGINE MODE SWITCH	OFF
FUEL TANK SELECTOR	OFF
IF CAS (FADEC FAIL)	DISPLAYED
FADEC CHANNEL A & B BREAKERS	PULL
FADEC CHANNEL A & B BREAKERS	PUSH
AIR START ENVELOPE	CHECK

IF CAS (FADEC FAIL) IS OFF AND AIR
START IS POSSIBLE: **AIR START**

IF CAS: (FADEC FAIL) IS STILL ON OR
AIR START IS NOT POSSIBLE: **MAXIMUM
RANGE DESCENT**