



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
 SUBDEPARTAMENTO "LICENCIAS"
 SECCIÓN EVALUACIONES

GULFSTREAM G280

NOMBRE: _____ FIRMA: _____

FECHA: _____

A. OPERATING LIMITATIONS

1. Speeds

| | |
|--|-------------------------------------|
| V _{MO} (S.L. TO 10,000 FT.) | 300 KCAS |
| V _{MO} (10,000 TO 20,000 FT.) | 300-330 KCAS |
| V _{MO} (20,000 TO 28,000 FT.) | 340 KCAS |
| M _{MO} (28,000 TO 45,000 FT.) | 0.85 M _I |
| V _{FE} (FLAPS 10°) | 250 KIAS |
| V _{FE} (FLAPS 20°) | 220 KIAS |
| V _{FE} (FLAPS LND) | 180 KIAS |
| V _{LO} | 195 KIAS |
| V _{LE} | 195 KIAS |
| V _{LE} (Emer Exten) | 175 KIAS |
| V _{TIRE} Main LG | 195 KIAS |
| V _{TIRE} Nose LG | 182 KIAS |
| V _{RA} S.L. TO 13,000 FT | 230 KIAS |
| V _{RA} 13,000 TO 20,000 FT. | 250 KIAS |
| V _{RA} 20,000 TO 35,000 FT. | 270 KIAS |
| V _{RA} 35,000 TO 45,000 FT. | 0.80 M _I |
| MINIMUM HOLDING | 185 KIAS |
| YAW DAMP INOP | 250 KIAS Max 25,000 ft. |
| MACH TRIM INOP | 340 KIAS/0.77 M _I |
| ALTN STAB TRIM | M _{MO} 0.85 M _I |

2. Fuel

| | |
|---------------------------|-----------|
| Total Useable Fuel Weight | 14,600 lb |
| Max TO Unbalance | 450 lb |
| Mas Inflight Unbalance | 900 lb |

3. Weight

| | |
|--------------------|------------------------|
| Maximum Takeoff | 39,600 lb |
| Maximum Landing | 32,700 lb |
| Maximum Zero Fuel | 28,200 lb |
| Maximum Ramp | 39,750 lb |
| Minimum Flight | 23,000 lb |
| Bag Comp Load | 1980 lb |
| Maximum Floor Load | 120 lb/ft ² |

8. Oil Temp

| | |
|---------------------------|-----------|
| Oil T° at eng start | -40°C min |
| Oil T° for cont operation | 5°C min |

4. ITT

| | |
|--|-------|
| Max Gnd StartbN ₂ below 40% | 650°C |
| Max Gnd Start N ₂ above 40% | 950°C |
| Maximum Continuous | 950°C |
| Takeoff | 955°C |
| Transient (20 seconds max) | 970°C |

6. Start

| | |
|--|----------------------------|
| Max crosswind engine start | 20 KNOTS |
| Max tailwind engine start | 15 KNOTS |
| Start Cycles | 3 then 15 min cool |
| Starter Time | 5 Min max then 15 Min Cool |
| Cool time for same eng. start | 3 minutes |
| Min Bleed Press Start below 10,000 Ft. | 32 PSI |
| Min Bleed Press Start above 10,000 Ft. | 26 PSI |

7. Auxiliary Power Unit (APU)

| | |
|-----------------------------|--------------------------|
| Max Start Alt | 35,000 FT. |
| Max Operating Alt | 40,000 FT. |
| Max Alt as Bleed source | 20,000 FT. |
| Cool time between starts | 2 min |
| Start limitations | 3 start then 30 sec cool |
| APU Generator load limit | 100% |
| If RH Fire EXT was Operated | APU INOP |

9. Altitudes

| | |
|-----------------------------|------------|
| Max Alt | 45,000 FT. |
| Min Alt | - 1400 FT. |
| Landing Gear and Flaps Ext | 20,000 FT. |
| Max alt for bag comp access | 40,000 FT. |

10. Runway

| | |
|-----------|-------------|
| Max Slope | +2% and -2% |
|-----------|-------------|

B.- EMERGENCY PROCEDURES

1.- TAWS Escape

| | |
|-------------|-----------------------------|
| TOGA Button | Push |
| Autopilot | Disengage |
| Attitude | Nose Up until Shaker |

2.- Windshear Warning

| | |
|---------------|-----------------------------|
| TOGA Button | Push |
| Autopilot | Disengage |
| Attitude | Nose Up until Shaker |
| Configuration | Do not change |

3.- Stall Recovery

| | |
|----------------|-------------------------|
| Thrust Levers | Max |
| Pitch Attitude | Decrease |
| Speedbrakes | Verify Retracted |
| Roll Attitude | Wings Level |