



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”

“MD 600N”

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- VELOCIDADES	
Vne Max	155
Vne YSAS OFF	130
Vne with any door removed	115
Vne autorotation	115

6.- PRESIÓN DE ACEITE	PSI
Minimum below 79% NG	50
Minimum below 79 to 94% NG	90
Minimum Above 94% NG	115
Maximo	130

2.- ALTITUDE MAX. FEET	20.000
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7.- TEMP. DE ACEITE	°C
Continuous Operation	0 to 107
Maximum	107

3.- TORQUE	
Max Take Off (5 min)	600
Max Continuos	530
Max Transient (10 sec)	660

8.- GENERADOR	
Volts	.
Maximum	32 V
Amperes	
Max. Continuous	150
>150 A	5 min

4.- PLANTA DE PODER	
Productora de gas (NG)	RPM
Max continuos Operation	105
Transient, 10 seconds	106
Turbina de Poder (NP)	
Normal Operation	99-101
Minimum	85
Avoid steady state operations	71,8- 91,5
Maximum	107,1

9.- ROTOR RPM	
Con o Sin Poder	%
Máximum	106,4
Mínimum	90

5.- LIM. FRENO DE ROTOR	
RPM del rotor bajan de	41%

B.- Emergencies Procedures

1. - ENGINE FAILURE – HOVERING BELOW PITCH

Not Reduce	COLLECTIVE PITCH
Apply	RIGHT PEDAL TO PREVENT YAWING
Increase	COLLECTIVE PITCH AS NECESSARY TO CUSHION LANDING

2. - ENGINE FAILURE -INFLIGHT ABOVE 75 KIAS

Adjust	COLLECTIVE PITCH AS NECESSARY TO ESTABLISH AUTOROTATIONAL GLIDE AND CONTROL ROTOR RPM
Adjust	CYCLIC TO ATTAIN AND MAINTAIN DESIRED SPEED
Flare	AS REQUIRED BY THE TERRAIN TO REDUCE FORWARD SPEED AND ROD
Touch Down	IN A LEVEL ATTITUDE, INCREASING COLLECTIVE PITCH TO CUSHION LANDING

3. – ENGINE FIRE ON GROUND

Twistgrip	CUTOFF
Start/ Ignition button	PRESS AND HOLD UNTIL TOT IS BELOW 150°C
Fuel Shut-off valve	PULL TO CLOSE

4. - ENGINE FIRE DURING FLIGHT (At high altitude)

Collective	DOWN TO ESTABLISH AUTOROTATION
Twistgrip	CUTOFF
Fuel Shut-off valve	PULL TO CLOSE
Radio	MAYDAY CALL
Execute	AUTOROTATIVE LANDING
Batt Switch	OFF
Passengers/ crew	EVACUATE

5. – ANTI- TORQUE FAILURE- COMPLETE LOSS OF THRUST (IN FORWARD FLIGHT)

Adjust	AIRSPEED AND POWER FOR LEVEL FLIGHT AT 60 KIAS
Select	APPROACH DIRECTION WITH A LEFT QUARTERING HEADWIND
Perform	SHALLOW APPROACH TO HARD SURFACE AT MINIMUM 60 KNOTS
On final Approach	WITH FADEC AUTO MODE, REDUCE TWISTGRIP UNTIL RPM RESPOND TO THE TWISTGRIP MOVEMENT
As the ground is approached	LEVEL THE AIRCRAFT AND ADJUST COLLECTIVE TO ALIGN DIRECTION. TOUCH THE GROUND INTO THE WIND BETWEEN 20-30 KIAS.