



Departamento "Seguridad Operacional"

Subdepartamento "Licencias"

BELL 429

NOMBRE: _____ FECHA: _____

FIRMA: _____

A.- LIMITACIONES DE OPERACIÓN

| 1.- VELOCIDADES | |
|-----------------------------------|--|
| Basic Vne | |
| Max sideward/rearward | |
| Vne OEI | |
| Vne for steady autorotation | |
| Vmini IFR speed | |
| Vne at 104% Nr | |
| Vy/Vyi | |
| Vtoss | |
| Min rate of descent autorrotation | |

| 2.- ALTITUD MAX. FEET | |
|------------------------------|--|
| | |

| 3.- SLOPE LANDING | |
|--------------------------|--|
| Side slopes | |
| Nose up | |
| Nose down | |

| 4.- TORQUE TOTAL (Q) | |
|-----------------------------|--|
| Continuous | |
| Max continuous | |
| Transient (5 seconds) | |

| 5.- TORQUE OEI | |
|-----------------------|--|
| Continuous | |
| Max continuous | |
| 2 Minutes | |
| 30 seconds | |
| Max OEI | |

| 6.- ROTOR | |
|--------------------------|--|
| Con Poder | |
| Continuous | |
| Max continuous | |
| Max cont 60 kias or less | |
| Sin Poder | |
| Minimum | |
| Continuous | |
| Maximum | |

| 7.- FRENO DE ROTOR | |
|---------------------------|--|
| | |

| 8.- TRANSMISION | |
|------------------------------|--|
| Presión de Aceite | |
| Idle operation | |
| Continuous | |
| Maximum | |
| Max during start/warm up | |
| Temperatura de Aceite | |
| Continuous | |
| Maximum | |

| 9.- TRANSMISION | |
|------------------------|--|
| Presión | |
| Minimum | |
| Continuous | |
| Maximum | |
| Temperatura | |
| Maximum | |

B.- Emergencies Procedures

1.- SINGLE ENGINE FAILURE- HOVERING IN GROUND EFFECT

Maintai _____
Collective _____

2.- SINGLE ENGINE FAILURE- HOVERING IN GROUND EFFECT

Maintain _____
Collective _____
IF insufficient power to fly away:
Collective _____
IF sufficient power to fly away:
Collective _____
Airspeed _____
Follow _____

3. – SINGLE ENGINE FAILURE-INFLIGHT

Collective _____
Airspeed _____
Throttle (affected engine) _____
Engine Switch (affected engine) _____
BAL PUMP switch _____
N-ESS BUS switch _____
AMPS _____
CABIN HEAT switch (if installed) _____
Land as soon as practical

4. – DUAL ENGINE FAILURE

Collective pitch _____
Accomplish autorrotative landing.
Throttles _____
ENGINE switch _____
After landing _____

5. – ENGINE FIRE-ON GROUND

ENGINE switch _____
FIRE switch (affected engine) _____
AGENT REL switch _____
AGENT REL switch _____
Rotor Brake (if installed) _____
BATT switch _____
Exit helicopter

6. – ENGINE FIRE-IN FLIGHT

Emergency descent _____
Prepare for OEI operation
Collective pitch adjust to control NR and desire power
Airspeed _____
Throttles (affected engine) _____
FIRE switch (affected engine) _____
AGENT REL switch _____
If second bottle is installed and ARM/FIRE light still illuminated
AGENT REL switch _____
N-ESS BUS switch _____

AMP



Land as soon as possible