

BEFORE STARTING ENGINE

- METEO / NOTAM / KOSIF
- Mass & Balance
- Fuelcap
- Cabin / Pax / Baggage
- Seatbelts

STARTING ENGINE

- Rotorblades: level

ENGINE RUN UP

Departure Briefing

- Fuel shut-off valve On
- Circuit breakers In
- Controls Full travel free -> Frictions On
- Throttle Full travel free/coll. down
- Governor On
- Carb heat Off
- Mixture / Mixture guard Full rich / Installed
- Primer Down and locked
- Avionics / All switches Off
- Clutch Disengaged
- Rotor brake & Map light Off

- Master switch/Strobe light On / OAT <-> CAT
- Throttle twist for priming as required
- Throttle Closed
- Area (left + right) Clear
- Ignition switch Start, then both
- Starter-On light Out
- Set idle speed 55% / Oil pressure >25 psi
- Clutch / Alternator On / Alt light Off
- Blades turning Less than 5 sec
- Headsets, Avionics On & Set / Check Vol. COM
- Carb heat Full On
- Wait for clutch light: Out -> Warm-up RPM 70 to 75%
- Settings COM / NAV / TX / ALT

- T's & P's, warnings/cautions Green, No warnings/cautions
- Mag drop @ 75% RPM max 7% in 2 sec
- Carb heat check CAT: drop/rise RPM: rise/drop
- Sprag clutch check @ 75% Needles split / idle ok
- Doors / Seat Belts Closed and latched
- Frictions Off
- Increase RPM manually -> 102-104%
- Low RPM Horn & Light checked @ 97%

SHUTDOWN

- Coll. down, cyclic/pedals Neutral
- reduce RPM for cooling 75% (CHT drop, 3':30")
- Frictions On
- Avionics 121.50 checked / Off
- Throttle Closed
- Clutch Switch Disengage
- Wait 30 sec Pull idle cut-off, guard back
- Wait 1 min Apply rotorbrake if required
- All switches Off



R22 Beta II

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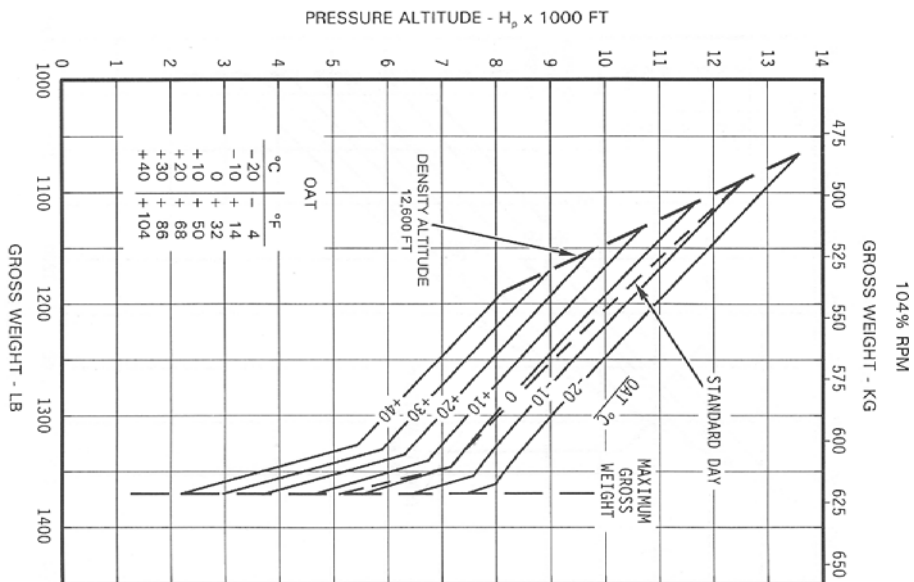
Immatriculation: _____
 Empty weight: _____
 Main fuel: _____
 Aux fuel: _____
 Max TOM: _____

PRESS ALT-FT	LIMIT MANIFOLD PRESSURE - IN. HG						
	MAXIMUM CONTINUOUS POWER						
	OAT - °C						
	-20	-10	0	10	20	30	40
SL	21.5	21.8	22.1	22.3	22.6	22.9	23.2
2000	21.1	21.4	21.6	21.9	22.2	22.5	22.8
4000	20.7	21.0	21.2	21.5	21.8	22.0	22.3
6000	20.3	20.6	20.8	21.1	21.3	21.6	21.9
8000	19.9	20.2	20.4	20.7	20.9	FULL THROTTLE	

FOR MAX TAKEOFF POWER (5 MIN), ADD 0.9 IN. HG

PRESS ALT-FT	NEVER EXCEED SPEED - KIAS						
	OAT - °C						
	-20	-10	0	10	20	30	40
SL	102						
2000						99	96
4000				98	94	91	87
6000		98	94	90	87	82	77
8000	94	90	86	80	75	69	64
10000	86	80	74	68	62	57	
12000	74	67	61	NO FLIGHT			
14000	61						

R22 Beta II Placards • FAA approved 13 OCT 2000



R22 Beta II Performance HOGÉ • FAA approved 23 FEB 2004