

MATED Brief R22 Beta and Beta II

Met - How the given met conditions are going to effect the flight profile i.e. cloud base, visibility/horizon, wind velocity, temp/dew point, precipitation etc.

Aircraft - AUM (performance), CG (t/o & landing calculation) fuel load (flight time), tech log details (limitations/hours available), ac documentation.

ATC - Airfield details, NOTAMS, Royal Flights, RT services, Nav aids, Airspace.

Exercise - How the exercise is to be sequenced to be most efficient

Duties - Division of responsibilities for radio/lookout/monitoring of T&P's etc.

Fuel Plan

Fuel Planning @8US Gals per hour (0,13333US Gals per min)	
Start up	5 mins
Circuit Departure	5 mins
Trip	
Diversion	
Reserve	20 mins
Rejoin	5 mins
Shutdown	5 mins
Total Time	
Fuel Required (US Gallons)	

Mass and Balance

<i>Item</i>	<i>Weight (lbs)</i>	<i>Longitudinal CG, inches (arm)</i>	<i>Moment (in-lb)</i>
A/C Empty Weight			
Pilot Right + Baggage		78.0	
Pilot Left + Baggage		78.0	
Main Fuel (6lbs/US gal) (Usable 19.2 US gals)		108.6	
Aux Fuel (6lbs/US gal) (Usable 10.5 US gals)		103.8	
Gross Weight		Total Moment	

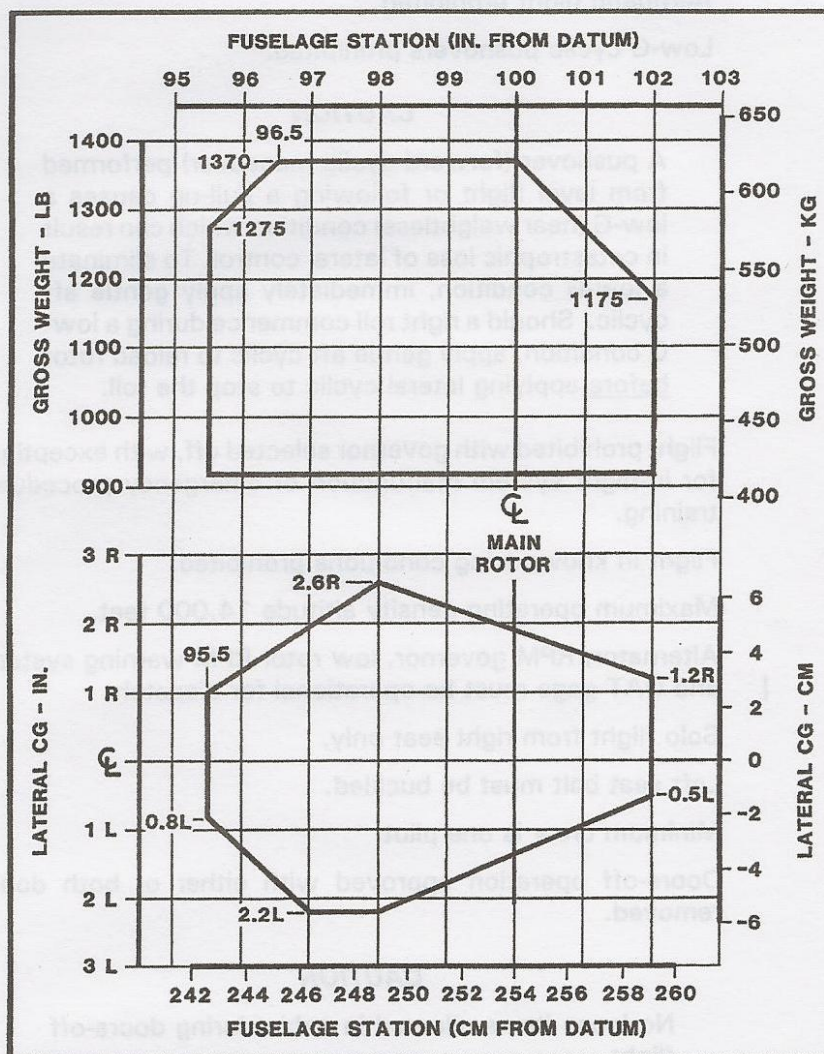
Fuselage Station (In. From Datum)	
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Item	Weight (lbs)	Lateral CG, inches (arm)	Moment (in-lb)
A/C Empty Weight		-0.2	
Pilot Right + Baggage		10.7	
Pilot Left + Baggage		-9.3	
Main Fuel (6lbs/US gal) (Usable 19.2 US gals)		-11.0	
Aux Fuel (6lbs/US gal) (Usable 10.5 US gals)		11.2	
Gross Weight		Total Moment	

Fuselage Station (In. From Datum)	
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**ROBINSON
MODEL R22**

**SECTION 2
LIMITATIONS**



**R22 ALPHA, BETA, AND BETA II
CENTER OF GRAVITY LIMITS**