



UtahStateUniversity.

# ROBINSON R22 BETA II

## SOLO, NIGHT, CROSS COUNTRY



UtahStateUniversity.

\*This sheet is used for all Solo, Night & Cross Country flights

Name:	A/C Type: R22 Beta II	Tail #:	Date:	Flight Plan Filed:
Instructor:	Signature:			Flight Plan Reviewed:

**Route/Practice:**

Time Enroute: \_\_\_\_\_ Time Due Back: \_\_\_\_\_ Alternates: \_\_\_\_\_

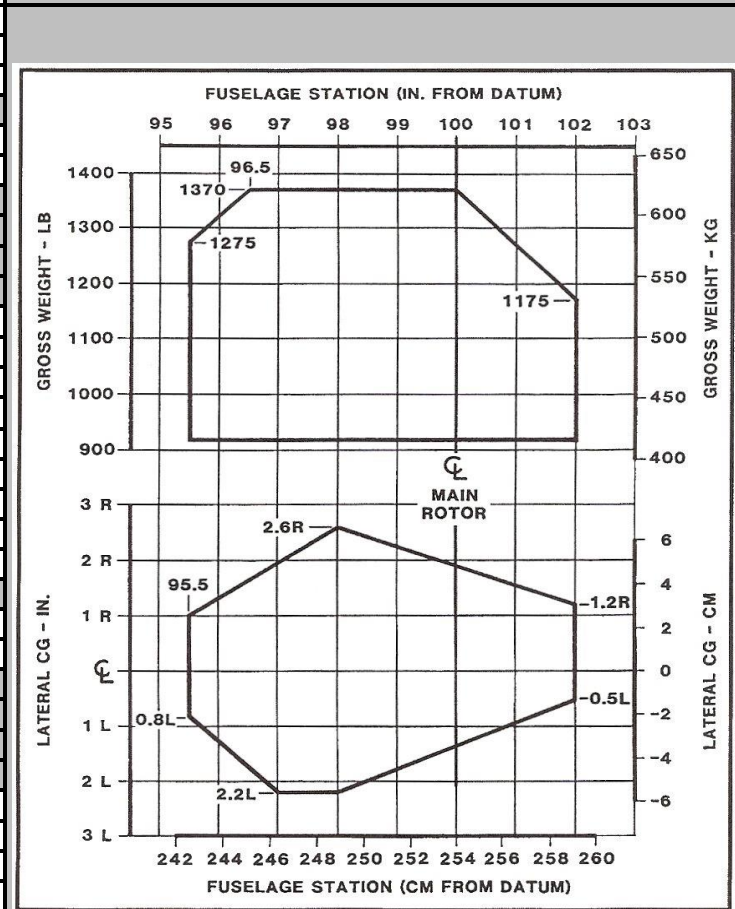
Abnormals: \_\_\_\_\_ Current Solo Endorsements: Y N

Fuel Onboard: \_\_\_\_\_ X-C flights must attach their flight plan sheet to this. Confirmed by Dispatch: Y N

Longitudinal Weight & Balance Calculation			
	Weight	Arm	Moment
<b>Basic Empty Weight</b>			
Right Front - Pilot		78*	
Right Front - Baggage		78	
Right Front - Door**	-5.2	77.5	
Left Front - Passenger		78*	
Left Front - Baggage		78	
Left Front - Door**	-5.2	77.5	
Removable Cyclic**	-0.8	68	
Removable Collective**	-1.1	80.7	
Removable Pedals**	-0.8	46.5	
Weight & Balance (Zero Fuel)			
Main Fuel _____ Gallons		108.6	
Aux Fuel _____ Gallons		103.8	
Weight & Balance (Take Off)			

Lateral Weight & Balance Calculation			
	Weight	Arm	Moment
<b>Basic Empty Weight</b>			
Right Front - Pilot		10.7	
Right Front - Baggage		10.7	
Right Front - Door**	-5.2	21	
Left Front - Passenger		-9.3	
Left Front - Baggage		-9.3	
Left Front - Door**	-5.2	-21	
Removable Cyclic**	-0.8	-8	
Removable Collective**	-1.1	-19.5	
Removable Pedals**	-0.8	-9.5	
Weight & Balance (Zero Fuel)			
Main Fuel _____ Gallons		-11	
Aux Fuel _____ Gallons		11.2	
Weight & Balance (Take Off)			

**Lat. & Long. CG Envelopes**  
Robinson R22 Beta II



\*If backrest cushion is used, subtract thickness of compressed cushion.

\*\* These items are included in the basic empty weight of the helicopter.  
Only use these calculations if the items are removed

Non Handbook Airport Approval: \_\_\_\_\_ Overnight Approval by: \_\_\_\_\_

