



UtahStateUniversity.

ROBINSON R44 RAVEN II

SOLO, NIGHT, CROSS COUNTRY



UtahStateUniversity.

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

Name:	A/C Type: R44 Raven II	Tail #:	Date:	Flight Plan Filed:
Instructor:	Signature:		Flight Plan Reviewed:	

Route/Practice:

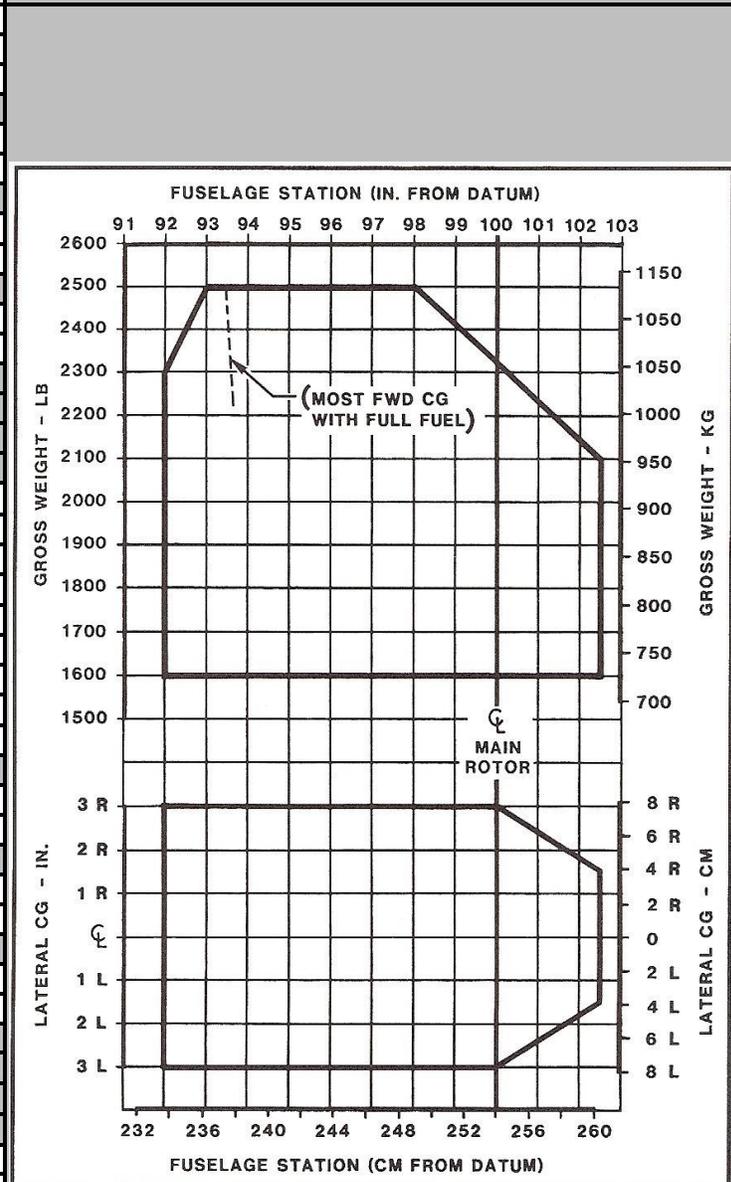
Time Enroute: _____ Time Due Back: _____ Alternates: _____

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
Basic Empty Weight			
Right Front - Pilot		49.5*	
Right Front - Baggage		44	
Right Front - Door**	-7.5	49.4	
Left Front - Passenger		49.5*	
Left Front - Baggage		44	
Left Front - Door**	-7.5	49.4	
Right Rear - Passenger		79.5	
Right Rear - Baggage		79.5	
Right Rear - Door**	-7	75.4	
Left Rear - Passenger		79.5	
Left Rear - Baggage		79.5	
Left Rear - Door**	-7	75.4	
Removable Cyclic**	-0.6	35.8	
Removable Collective**	-0.8	47	
Removable Pedals**	-0.8	16.8	
Weight & Balance (Zero Fuel)			
Main Fuel _____ Gallons		106	
Aux Fuel _____ Gallons		102	
Weight & Balance (Take Off)			

Lat. & Long. CG Envelopes
Robinson R44 Raven II



Lateral Weight & Balance Calculation			
	Weight	Arm	Moment
Basic Empty Weight			
Right Front - Pilot		12.2	
Right Front - Baggage		11.5	
Right Front - Door**	-7.5	24	
Left Front - Passenger		-10.4	
Left Front - Baggage		-11.5	
Left Front - Door**	-7.5	-24	
Right Rear - Passenger		12.2	
Right Rear - Baggage		12.2	
Right Rear - Door**	-7	23	
Left Rear - Passenger		-12.2	
Left Rear - Baggage		-12.2	
Left Rear - Door**	-7	-23	
Removable Cyclic**	-0.6	-8	
Removable Collective**	-0.8	-21	
Removable Pedals**	-0.8	-9.5	
Weight & Balance (Zero Fuel)			
Main Fuel _____ Gallons		-13.5	
Aux Fuel _____ Gallons		13	
Weight & Balance (Take Off)			

*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: _____

