



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

Attachment 6 – Accident Flight Weight and Balance Form

OPERATIONAL FACTORS / HUMAN PERFORMANCE

ANC20MA010

SAFARI HELICOPTERS WEIGHT & BALANCE			
TODAY'S DATE:		Thursday, December 26, 2019	
TOUR TYPE	TOUR TIME	NEXT TOUR TYPE	NEXT TOUR TIME
DWS	4:20PM	N/A	N/A

PILOTS
5SA WITHOUT FLOATS

Paul	[REDACTED]
190	117
PILOT	SEAT#1
	127
	SEAT#2

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
83	217	155	114
SEAT #6	SEAT #5	SEAT#4	SEAT#3

SPECIAL CELEBRATION	
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COMMENTS	AFT BAGGAGE
	5

AIRCRAFT	SERIAL#	REVISED	WEIGHED LAST
AS350 B2-F	3111	4.2.18	4.2.18
N985SA Without Floats			

WEIGHT		X	CG	=	MOMENT
EMPTY WEIGHT	3,004.60		140.72		422,807.31
PILOT/COPILOT	190.00		61.02		11,593.80
FRONT SEAT	244.00		69.50		16,958.00
REAR SEAT	569.00		103.00		58,607.00
FUEL TAKE OFF 45%	440.00		136.81		60,196.40
AFT BAGGAGE	5.00		181.10		905.50
TOTAL TAKE OFF	4,452.60		128.25		571,068.01

TAKE-OFF CG WITHIN LIMITS

FUEL USED	292.00	136.81	39,948.52
CHARTER FUEL USED	0.00	0.00	0.00
TOTAL LANDING	4,160.60	127.65	531,119.49

LANDING CG WITHIN LIMITS

CG FORWARD LIMIT FOR WEIGHT	TAKE OFF	LANDING
CG Limit below 4429 lbs. is 124.8 to 137.8	124.9	124.8

MAX WEIGHT:	4961	508.40	LBS BELOW GROSS
IF ABOVE 4429 LBS, USE GRAPH			
FOR BOTH TAKE OFF & LANDING			

Max Take Off Weight	4961	MIN CG LIMIT:	124.8
Below Limit Lbs:	4429	CG MAX Limit:	137.8

PILOT SIGNATURE

CG Envelope

