

PHI AIR MEDICAL
VE7A070N



EUROCOPTER AS350B3
ACTUAL WEIGHT AND BALANCE

N587AE

S/N 3730

Equipment installed when weighed:

Type of Landing Gear: High Skid Gear

All oils installed and full.

No ballast. Weighed without unusable fuel.

See Required and Optional Equipment List.

Type of Scales: Jackson Aircraft Scales

Serial Number: 6566

Location Weighed: PHS Mesa, AZ

Last Scale Calibration Date: 11/8/2021

SCALE READING (lbs.)		SCALE	S.C.	NET
Forward Right Jackpoint (90.94)	BL + 15.69	1020	0	1020
Forward Left Jackpoint (90.94)	BL - 15.69	908	0	908
TOTAL		1928	0	1928
Aft Jackpoint (199.68)	BL ± 0	1427	0	1427
TOTAL		3355	0	3355

Note: In lateral calculations, (-) is left, and (+) is right.

Longitudinal C.G. as weighed:

$$\text{C.G.} = \frac{90.94 \times 1928 + 199.68 \times 1427}{\text{TOTAL WEIGHT } 3355} = 137.2$$

Lateral C.G. as weighed:

$$\text{C.G.} = \frac{+15.69 \times 1020 + -15.69 \times 908}{\text{TOTAL WEIGHT } 3355} = .52$$

TOTAL WEIGHT	LONGITUDINAL			LATERAL	
	WEIGHT	ARM	MOMENT	ARM	MOMENT
Empty Weight	3355	137.2	460275.7	.52	1757.3
Add Unusable Fuel (JP5)	3.37	137	462	0	0
Ballast	0	0	0	0	0
Total	3358.3	137.2	460737.7	.52	1757.3

Basic Weight: 3358.3

Performed By: [Signature]

Verified By: [Signature]

Print Name: A. Carver

Print Name: Travis Pithou

Date: 12-10-2021

Certificate No.: 9DNR990C

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