

WEIGHT & BALANCE REPORT

2019-Dec-31

Registration: **C-FWIK**
 Manufacturer: Eurocopter
 Model: AS350B2
 Serial No: 2919

Scales P/N: M2400-4-10CS
 S/N: 13-FFAA7C
 Weighed with: All Oils Full
 Zero Fuel
 High Skid Gear
 Bear Paws

No Ballast Installed

Weighing points
 Fwd Jackpoint, L/H
 Fwd Jackpoint, R/H
 Aft Jackpoint

Scale	Tare	Net Weight	Arm	Moment
761.0	0.00	761.0	90.94	69205.3
838.0	0.00	838.0	90.94	76207.7
1294.0	0.00	1294.0	199.68	258385.9
		2893.0	139.58	403799.0

Ballast Installed: none

	Longitudinal			Lateral	
	Weight	Arm	Moment	Arm	Moment
As Weighed:	2893.0	139.58	403799.0	0.42	1208.1
Other Calibration Factors	0.0	0.00	0.0	0.00	0.0
	0.0	0.00	0.0	0.00	0.0
Adjustments	0.0	0.00	0.0	0.00	0.0
Empty Weight & C of G	2893.0	139.58	403799.0	0.42	1208.1

Most Forward C of G

Empty Weight	2893.0	139.58	403799.0	0.42	1208.1
Pilot	182.0	61.02	11105.6	14.17	2578.9
Passenger Fwd	182.0	61.02	11105.6	-14.17	-2578.9
Left Passenger Aft	182.0	99.99	18198.2	-24.45	-4449.9
Left Passenger Aft	182.0	99.99	18198.2	-8.15	-1483.3
Right Passenger Aft	182.0	99.99	18198.2	24.45	4449.9
Right Passenger Aft	170.0	99.99	16998.3	8.15	1385.5
Fuel	431.0	136.81	58965.1	0.00	0.0
	0.0	133.60	0.0	45.50	0.0
Total	4404.0	126.38	556568.2	-0.34	1110.3

Most Aft C of G

Empty Weight	2893.0	139.58	403799.0	0.42	1208.1
Pilot	182.0	61.02	11105.6	14.17	2578.9
Aft baggage cargo	17.0	181.10	3078.7	0.00	0.0
Fuel (143 US gal)	940.0	136.80	128592.0	0.00	0.0
Total	4032.0	135.56	546575.3	0.94	3787.0

The maintenance described above has been performed in accordance with the airworthiness certification requirement. A.M.O. approval No.

Signature & Licence No.  18208970

Equipment List of Eurocopter AS350-B2

A/C Registration: C-FWIK
 A/C Serial Number: 2919
 Date of Reweigh: 2019-Dec-31
 Date of latest Amendment: 2019-Dec-31

C-FWIK Equipment list

ITEM/PART NUMBER	WEIGHT	ARM	MOMENT	FORM	
	LBS.	IN.	LBS/IN.	SUPP	337
GARMIN GTX 327	2.90	29.92	86.70	___	<u>X</u>
A) TRANSCEIVER	2.40	32.00	76.80		
B) ANTENNA	0.50	17.00	8.50		
GARMIN GTR 225 VHF	2.36	32.00	75.52		
B) VHF ANTENNA (1)	0.50	80.00	40.00		
C) VHF ANTENNA (2)	0.50	264.00	132.00		
PORTABLE GPS SYSTEM	0.31	57.00	17.67	___	___
A) GPS ANTENNA	0.31	57.00	17.67		
AUDIO SYSTEM	2.70	56.18	151.69	___	<u>X</u>
A) NORTHERN AIRBORNE (AMS44)	1.70	40.70	69.19		
B) COPILOT'S FOOT SWITCH	0.25	38.00	9.50		
C) PILOT/COPILOT HEADSET JACKS	0.25	62.00	15.50		
D) 4 STATION REAR ICS	0.50	115.00	57.50		
TECHNISONIC TFM-138BFM	3.80	44.11	167.60	___	___
A) TRANSCEIVER	3.10	36.00	111.60		
B) ANTENNA	0.70	80.00	56.00		
APPAREO VISION 1000 (STC SR02797CH)	0.85	74.31	63.16	___	<u>X</u>
A) VISION 1000	0.50	79.00	39.50		
B) GPS ANTENNA	0.15	58.00	8.70		
C) GPS ANTENNA DOUBLER	0.04	58.00	2.32		
D) VISION 100 MOUNTING BRACKET	0.05	79.00	3.95		
E) AS350 MOUNTING BRACKET	0.11	79.00	8.69		
KANNAND AF-COMPACT ELT SYSTEM	2.44	68.45	167.02		
B) ARTEX REMOTE ARM SWITCH	0.20	36.00	7.20		
C) AV100 ELT ANTENNA	0.20	60.00	5.50		
RCA 2610-3 ATTITUDE INDICATOR	0.50	32.00	16.00		
RCA 1510-3 DIGITAL GYRO	0.50	32.00	16.00		
ANTI-COLLISION LITE	2.60	197.46	513.40	___	<u>X</u>
A) LIGHT ASSEMBLY (UPPER)	0.50	170.00	85.00		
B) POWER SUPPLY	2.10	204.00	428.40		
RADIO MASTER SYSTEM	1.00	36.00	10.00	___	<u>X</u>

TRACKING PLUG	USE ACTUAL WEIGHT			___	<u>X</u>
REAR SEAT CURLEY CORDS (4 EACH)	2.33	99.99	232.98		
DUAL CONTROL BLANKING PLATES	2.85	38.01	32.31	___	___
A) ANTI-TORQUE PEDAL COVER	0.50	28.00	14.00		
B) CYCLIC STICK COVER	0.20	44.10	8.80		
C) COLLECTIVE STICK COVER	0.15	63.40	9.51		
PHI FUEL SIGHT WINDOW	USE ACTUAL WEIGHT			___	___
CABIN SEATS	76.04	77.40	5885.74	___	___
A) FOUR REAR PASSENGER SEAT INSTALLATION W/SAFETY BELTS/SHOULDER HARNESS	24.36	103.10	2512.52		
B) HIGH-BACK SEAT PILOT AND CO-PILOT	51.68	63.80	3297.18		
CARGO SWING (FIXED PROV) 2557 LBS	13.33	120.23	1602.93	<u>X</u>	___
CAROUSAL/REMOTE HOOK PROVISIONS	USE ACTUAL WEIGHT			___	<u>X</u>
L/H BAGGAGE COMPARTMENT NET	2.00	134.00	268.00	___	___
R/H BAGGAGE COMPARTMENT NET	2.00	134.00	268.00	___	___
AFT BAGGAGE COMPARTMENT NET	USE ACTUAL WEIGHT			___	___
REAR BAGGAGE COMPARTMENT ROYALITE	USE ACTUAL WEIGHT			___	___
UNIT MOUNTING SHELF IN TAILBOOM	USE ACTUAL WEIGHT			___	<u>X</u>
BAGGAGE DOOR HINGE MOD.	NO WEIGHT CHANGE			___	<u>X</u>
BAGGAGE DOOR WARNING	USE ACTUAL WEIGHT			___	___
CONCORDE BATTERY (STC SR09185RC)	39.60	157.22	6225.91	<u>X</u>	___
ONBOARD CARGO HOOK (STC SR01812E)	4.90	126.40	619.36	<u>X</u>	___
ONBOARD LOAD CELL (STC SH97-29)	1.50	126.40	189.60	___	___
ONBOARD LOAD INDICATOR (STC SH97-29)	0.50	34.00	17.00	___	___
CARGO SWING	29.30	135.73	3977.00	<u>X</u>	___
EMERGENCY LITTER (PROV) (STC SH96-10)	1.50	74.00	111.00	<u>X</u>	<u>X</u>
UTILITY BASKET (L/H) (STC SH94-14) (FIXED PROV. ONLY INSTALLED AT WEIGH)	11.50	135.00	1553.00	<u>X</u>	<u>X</u>
REAR LOCKER EXTENDER (STC SH90-4)	3.00	205.00	615.00	<u>X</u>	<u>X</u>
DART BEAR PAWS (STC SH93-4)	13.00	157.00	2041.00	___	___
DART WEAR PLATES (PDA TC PDA05-18)	USE ACTUAL WEIGHT			___	___
A/F FUEL FILTER (STC SSH89-33)	USE ACTUAL WEIGHT			<u>X</u>	<u>X</u>
VERTICAL REF. DOOR (STC SH92-18)	1.20	63.00	76.00	___	<u>X</u>
AA CREW DOOR LOWER WINDOW (STC SH94-25)	NO WEIGHT CHANGE			___	<u>X</u>
REVERSE SLIDE CAMERA WINDOW (STC SH96-68)	NEGILIBLE WEIGHT CHANGE			___	<u>X</u>

76-1036-00 VERTICAL SPEED	1.00	32.00	32.00	___	___
HOUR METER (STC SH90-56)	0.38	57.00	21.66	___	<u>X</u>
RELOCATE DATA PLATE (STC SH89-25)	USE ACTUAL WEIGHT			___	<u>X</u>
WHELEN ANTI-COLLISION (STC SH93-32)	1.70	420.00	714.00	___	<u>X</u>
A) FIN MOUNTED	1.70	420.00	714.00		
AA TWO PIECE WINDSHIELD (STC SH94-32)	NEGLIGIBLE WEIGHT CHANGE			___	<u>X</u>
DART CARGO MIRROR (STC SH91-20)	USE ACTUAL WEIGHT			___	<u>X</u>
SPACE PODS (L/H AND R/H) (STC SR93-88)	USE ACTUAL WEIGHT			<u>X</u>	<u>X</u>
DART ACCESS STEPS (STC SH92-6)				<u>X</u>	<u>X</u>
SHORT STEP CONFIGURATION	9.70	88.00	853.60		
PULSELITE CONTROL (STC SH86-1)	1.00	66.00	66.00	<u>X</u>	<u>X</u>
FIRST AID KIT #1	2.00	98.00	196.00	___	___
FLIGHT MANUAL AND MEL	USE ACTUAL WEIGHT			___	___
ENGINE FDC FILTER (STC SR00811SE)	14.81	169.00	2502.89	<u>X</u>	___
HIGH SKID GEAR	USE ACTUAL WEIGHT			___	___
TANIS PREHEATER	USE ACTUAL WEIGHT			___	___
UTILITY BASKET (L/H) (STC SH94-14) * CONFIG ONLY	85.50	135.00	11543.00	<u>X</u>	<u>X</u>