



Weight And Balance Report Amendment 14

AS350BA FX2

S/N 1271

C-GHCT

Purpose of Amendment: To add & update configurations to Weight and Balance From Ammendment 12 & 13

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
Empty Weight from Amend 12	2850.33	140.24	399720.12	0.95	2709.86
<i>Equipment carried over from Config 0:</i>			0.00		0.00
Settling Protectors (Bear paw) Installed			0.00		0.00
Cargo Swing installed			0.00		0.00
Cargo Mirror installed			0.00		0.00
LH Litter kit Fixed provisions			0.00		0.00
DART LH Basket Fixed provisions			0.00		0.00
First Aid kit & Survival kit			0.00		0.00
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4032.43	124.71	502900.12	0.67	2709.86
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3960.93	162.07	641944.20	0.68	2709.86

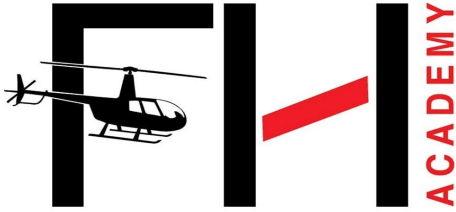
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

AMO 64-23 ACA#1

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Configuration Matrix

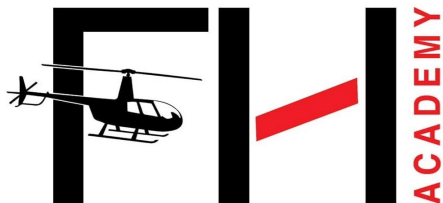
X= INSTALLED O=NOT INSTALLED

CONFIG. #	ECL DUAL CONTROLS	DART CARGO BASKET	ECL LH LITTER	CARGO SWING	BEAR PAWS	LIDAR BOOM	RH ECL CARGO MIRROR	PILOT DOOR
A	X	O	O	X	X	O	X	X
A(2)	X	O	O	X	X	X	X	X
A(3)	X	X	O	X	X	O	X	O
B	O	O	O	X	O	O	X	X
B(2)	X	O	O	X	O	O	X	X
B(3)	X	O	O	X	O	X	X	X
B(4)	X	X	O	X	X	O	X	X
C	O	O	O	X	X	O	X	O
C(2)	O	X	O	X	X	O	X	O
C(3)	O	O	O	X	X	X	X	O
D	O	X	O	X	X	O	X	X
E	O	O	X	X	X	O	X	X
E(2)	O	X	X	X	X	O	X	X
F	O	O	O	O	X	O	X	X
F(2)	O	X	O	O	X	O	X	X
F(3)	X	X	O	O	X	O	X	X

Note: you must confirm that the matrix matches the configuration before use.

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W&B Configuration 14 A

AS350BA FX2

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Duals IN

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install dual Controls	5.1	44.1	224.91	-15.7	-80.07
	0.0	0.0	0.00	0.0	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2855.43	140.06	399945.03	0.92	2629.79
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4037.53	124.61	503125.03	0.65	2629.79
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3966.03	161.92	642169.11	0.66	2629.79

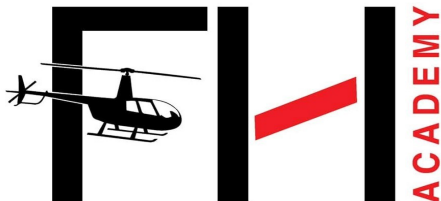
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W&B Configuration 14 A (2)

AS350BA FX2

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Duals IN/LiDar Boom ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install dual Controls	5.1	0.0	0.00	-15.7	-80.07
Install Lidar Boom:	0.00	0.00	0.00	0.00	0.00
AVSP-V2 Single Pole Mount	44.00	50.90	2239.60	21.30	937.20
Quick Clamp FWD Mount	5.90	5.90	34.81	21.30	125.67
Quick Disconnect	5.00	4.70	23.50	21.30	106.50
Pay load (LiDar or Camera)	35.00	4.70	164.50	21.30	745.50
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2945.33	136.55	402182.53	1.54	4544.66
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4127.43	122.44	505362.53	1.10	4544.66
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4055.93	158.88	644406.61	1.12	4544.66

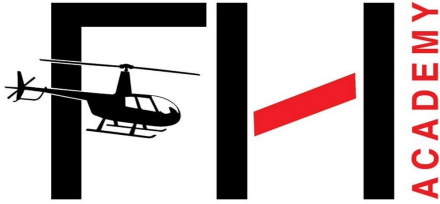
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W&B Configuration
14 A (3)

AS350BA FX2

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Duals IN/Cargo Basket ON

	Weight in LBS.	Long. Arm	Moment	Lateral Arm	Moment
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install dual Controls	5.1	0.0	0.00	-15.7	-80.07
Instal DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2943.43	139.84	411600.12	-0.54	-1594.21
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4125.53	124.78	514780.12	-0.39	-1594.21
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4054.03	161.28	653824.20	-0.39	-1594.21

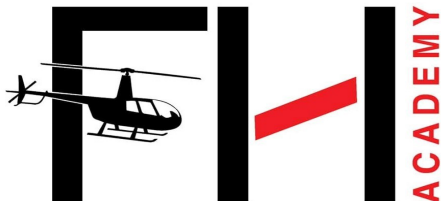
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W&B Configuration
14 A (4)

AS350BA FX2

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C-GHCT

Duals IN/Pilot Door OFF

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install dual Controls	5.1	0.0	0.00	-15.7	-80.07
Remove R/H Pilot Door	-7.50	49.40	-370.50	24.00	-180.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2847.93	140.22	399349.62	0.86	2449.79
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4030.03	124.70	502529.62	0.61	2449.79
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3958.53	162.07	641573.70	0.62	2449.79

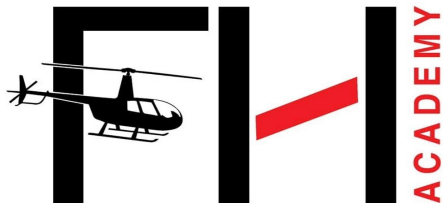
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W&B Configuration 14 B

AS350BA FX2

S/N 1271

C-GHCT

Bear Paws OFF

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Settling Protectors (Bear paws)	-13.0	159.4	-2072.7	0.0	0.0
	0.0	0.0	0.0	0.0	0.0
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2837.33	140.15	397647.40	0.96	2709.86
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4019.43	124.60	500827.40	0.67	2709.86
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3947.93	162.08	639871.48	0.69	2709.86

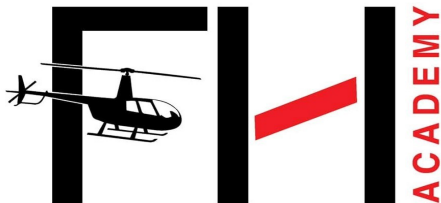
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W&B Configuration
14 B (2)

AS350BA FX2

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C-GHCT

Bear Paws OFF/Duals IN

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Settling Protectors (Bear paws)	-13.0	159.4	-2072.7	0.0	0.0
Install dual Controls	5.1	44.1	224.91	-15.7	-80.07
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.0	0.0	0.0	0.0	0.0
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2842.43	139.98	397872.31	0.93	2629.79
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4024.53	124.50	501052.31	0.65	2629.79
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3953.03	161.93	640096.39	0.67	2629.79

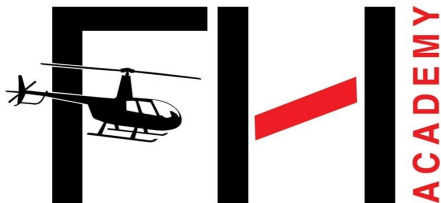
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W&B Configuration
14 B (3)

AS350BA FX2

S/N 1271

C-GHCT

Bear Paws OFF/ Duals IN/LiDar Boom ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Settling Protectors (Bear paws)	-13.0	159.4	-2072.7	0.0	0.0
Install dual Controls	5.1	0.0	0.00	-15.7	-80.07
Install Lidar Boom:	0.00	0.00	0.00	0.00	0.00
AVSP-V2 Single Pole Mount	44.00	50.90	2239.60	21.30	937.20
Quick Clamp FWD Mount	5.90	5.90	34.81	21.30	125.67
Quick Disconnect	5.00	4.70	23.50	21.30	106.50
Pay load (LiDar or Camera)	35.00	4.70	164.50	21.30	745.50
New Empty Weight	2932.33	136.45	400109.81	1.55	4544.66
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4114.43	122.32	503289.81	1.10	4544.66
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4042.93	158.88	642333.89	1.12	4544.66

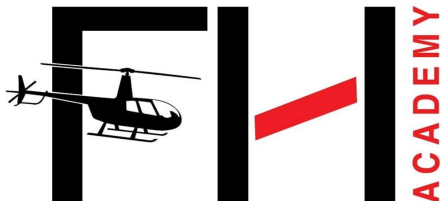
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W&B Configuration
14 B (4)

AS350BA FX2

S/N 1271

C-GHCT

Bear Paws OFF/ Duals IN/Cargo Basket ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Settling Protectors (Bear paws)	-13.0	159.4	-2072.7	0.0	0.0
Install dual Controls	5.1	0.0	0.00	-15.7	-80.07
Instal DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2930.43	139.75	409527.40	-0.54	-1594.21
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4112.53	124.67	512707.40	-0.39	-1594.21
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4041.03	161.28	651751.48	-0.39	-1594.21

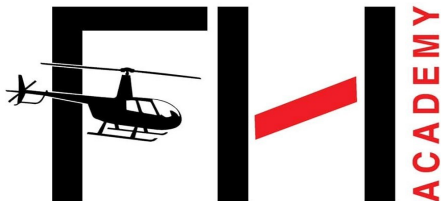
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W&B Configuration
14 C

AS350BA FX2

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C-GHCT

Pilot Door OFF

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove RH Pilot Door	-19.0	55.9	-1062.1	35.4	-672.6
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2831.33	140.80	398658.02	0.72	2037.26
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4013.43	125.04	501838.02	0.51	2037.26
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3941.93	162.58	640882.10	0.52	2037.26

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W&B Configuration
14 C (2)

AS350BA FX2

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C-GHCT

Pilot Door OFF/Cargo Basket ON

	Weight in LBS.	Long. Arm	Moment	Lateral Arm	Moment
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove R/H Door	-7.50	49.40	-370.50	24.00	-180.00
Instal DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2930.83	140.31	411229.62	-0.58	-1694.14
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4112.93	125.07	514409.62	-0.41	-1694.14
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4041.43	161.69	653453.70	-0.42	-1694.14

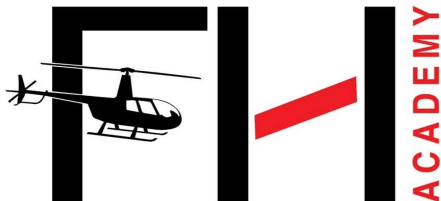
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W&B Configuration
14 C (3)

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C-GHCT

Pilot Door OFF/LiDar Boom ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove RH Pilot Door	-19.0	55.9	-1062.1	35.4	-672.6
Install Lidar Boom:	0.00	0.00	0.00	0.00	0.00
AVSP-V2 Single Pole Mount	44.00	50.90	2239.60	21.30	937.20
Quick Clamp FWD Mount	5.90	5.90	34.81	21.30	125.67
Quick Disconnect	5.00	4.70	23.50	21.30	106.50
Pay load (LiDar or Camera)	35.00	4.70	164.50	21.30	745.50
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2921.23	137.31	401120.43	1.35	3952.13
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4103.33	122.90	504300.43	0.96	3952.13
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4031.83	159.57	643344.51	0.98	3952.13

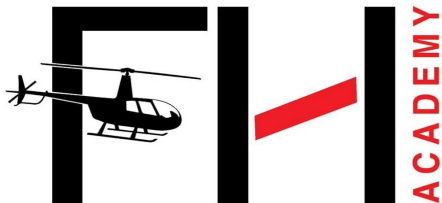
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date



W&B Configuration
14 D

AS350BA FX2

S/N 1271

C-GHCT

Cargo Basket ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Instal DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2938.33	140.08	411600.12	-0.52	-1514.14
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4120.43	124.93	514780.12	-0.37	-1514.14
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4048.93	161.48	653824.20	-0.37	-1514.14

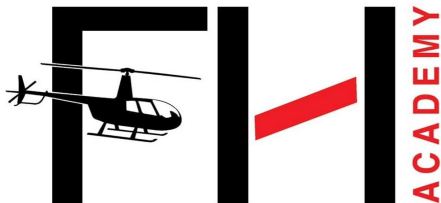
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AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date



W&B Configuration 14 E

AS350BA FX2

S/N 1271

C-GHCT

LH Litter Kit ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install ECL LH litter	24.3	59.1	1436.1	-15.6	-379.1
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2874.63	139.55	401156.25	0.81	2330.78
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4056.73	124.32	504336.25	0.57	2330.78
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3985.23	161.44	643380.33	0.58	2330.78

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AMO 64-23 ACA#1

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Date



W&B Configuration
14 E (2)

AS350BA FX2

S/N 1271

C-GHCT

LH Litter Kit ON/Cargo Basket ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Install ECL LH litter	24.3	59.1	1436.1	-15.6	-379.1
Instal DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2962.63	139.42	413036.25	-0.64	-1893.22
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4144.73	124.55	516216.25	-0.46	-1893.22
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4073.23	160.87	655260.33	-0.46	-1893.22

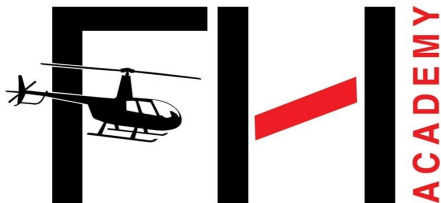
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AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date



W&B Configuration 14 F

AS350BA FX2

S/N 1271

C-GHCT

Cargo Swing OFF

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Cargo Swing	-30.00	133.00	-3990.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00		0.00
	0.00	0.00	0.00		0.00
	0.00	0.00	0.00		0.00
	0.00	0.00	0.00		0.00
	0.00	0.00	0.00		0.00
New Empty Weight	2820.33	140.31	395730.12	0.96	2709.86
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4002.43	124.65	498910.12	0.68	2709.86
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	3930.93	162.29	637954.20	0.69	2709.86

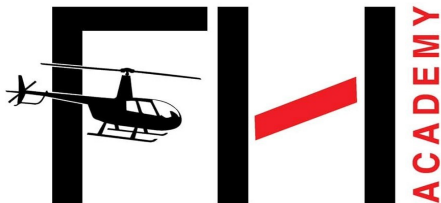
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AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date



W&B Configuration
14 F (2)

AS350BA FX2

S/N 1271

C-GHCT

Cargo Swing OFF/Cargo Basket ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Cargo Swing	-30.00	133.00	-3990.00	0.00	0.00
Install DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2908.33	140.15	407610.12	-0.52	-1514.14
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4090.43	124.87	510790.12	-0.37	-1514.14
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4018.93	161.69	649834.20	-0.38	-1514.14

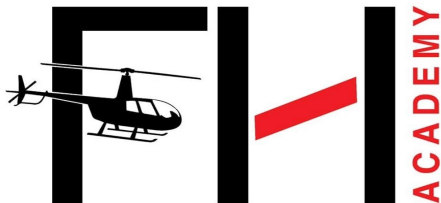
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AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date



W&B Configuration 14 F (3)

AS350BA FX2

S/N 1271

C-GHCT

Cargo Swing OFF/Duals IN/Cargo Basket ON

	<u>Weight in LBS.</u>	<u>Long. Arm</u>	<u>Moment</u>	<u>Lateral Arm</u>	<u>Moment</u>
New Empty Weight (Amend 14)	2850.33	140.24	399720.12	0.95	2709.86
Remove Cargo Swing	-30.00	133.00	-3990.00	0.00	0.00
Install DART LH Cargo Basket	88.00	135.00	11880.00	-48.00	-4224.00
Install dual Controls	5.1	0.0	0.00	0.0	0.00
	0.00	0.00	0.00	0.00	0.00
New Empty Weight	2913.43	139.91	407610.12	-0.52	-1514.14
Most FWD CG					
Pilot and Co-Pilot	380.00	61.0	23180.00	0.00	0.00
Pax REAR X4	800.00	100.00	80000.00	0.00	0.00
Min Fuel	2.10	136.80	287.28	0.00	0.00
	4095.53	124.72	510790.12	-0.37	-1514.14
Most aft CG					
Pilot	170.00	61.0	10370.00	0.00	0.00
Full Fuel	940.60	136.8	128674.08	0.00	0.00
	4024.03	161.49	649834.20	-0.38	-1514.14

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AMO 64-23 ACA#1

Signature & Licence #

1-Apr-23

Date

Equipment List (Amend 14)							Date		
							1-Apr-23		
Page	A/C Make, Model, Series	Registration Number			Serial Number		In A/C	ON 'C' Chart	REFERENCE
1 of 2	Airbus Helicopters AS350FX2	C-GHCT			1271				
Location and Description of Item		Weight	Arm	Moment	Lat. Arm	Lat. Moment			
00 GENERAL									
HELILYNX FX2 CONVERSION		0.0	0.0	0.0	0.0	0.0	X		SH06-05
23 COMMUNICATION									
ANTENNA, VHF COMM1		0.8	210.0	157.5	0.0	0.0	X		DMC70-1
ANTENNA, VHF COMM2		0.8	306.0	229.5	0.0	0.0	X		DMC70-1
VHF COMM 1		2.3	31.0	71.3	-12.0	-27.6	X		SL40
VHF COMM 2		2.3	31.0	71.3	-12.0	-27.6	X		SL40
ANTENNA VHF FM 1		0.6	169.0	101.4	0.0	0.0	X		DMC70-1
ANTENNA VHF FM 2		0.8	256.0	192.0	0.0	0.0	X		CI292-2
VHF FM 1		3.0	31.0	93.0	-12.0	-36.0	X		NPX-138
VHF FM 2		3.0	34.0	102.0	0.0	0.0	X		NPX-138
AUDIO SELECTOR		2.3	33.0	75.9	0.0	0.0	X		AMS42F
24 ELECTRICAL POWER									
RG-355 CONCORDE BATTERY		41.5	157.9	6552.9	19.8	821.7	X		SR09185RC
USB PANEL POWER ADAPTER		NO WEIGHT CHANGE					X		GHL-MINORMOD-001
25 EQUIPMENT/FURNISHING									
SEAT, PILOT HIGH BACK W/BELT		23.4	63.4	1483.6	14.0	327.6	X		OEM
SEAT, COPILOT HIGH BACK W/BELT		23.4	63.4	1483.6	-14.0	-327.6	X		OEM
SEAT, REAR (4 PLACE)		21.2	103.1	2187.8	0.0	0.0	X		OEM
SEATBELTS, REAR (DART/GENEVA)		15.0	105.0	1575.0	0.0	0.0	X		SH95-39
FLOOR COVERING		25.0	55.5	1387.5	0.0	0.0	X		SH12-28
COLLECTIVE GUARD		1.4	49.0	68.6	-3.0	-4.2	X	C	GEM350-2
GLOVE TRAY		1.5	25.0	37.5	-18.0	-27.0	X	C	OEM
INSTRUMENT PANEL VISOR (DART/GENEVA)		4.5	30.0	135.0	0.0	0.0	X		SH93-85
LITTER KIT BRACKET, FORWARD		1.6	28.3	45.3	-14.0	-22.4	X		SH94-29
LITTER KIT BRACKET, AFT		2.1	102.4	215.0	-14.0	-29.4	X	C	SH94-29
LITTER KIT, L/H		24.3	59.1	1436.1	-14.0	-340.2	O	C	SH94-29
DOME LIGHT AIR VENT, AFT, DART		0.5	95.4	47.7	0.0	0.0	X		SH93-82
ANTENNA, ELT (ARTEX)		0.3	117.0	35.1	18.5	5.6	X		570-1600 REV AB
REMOTE SWITCH, ELT (ARTEX)		0.1	31.0	3.1	-10.0	-1.0	X		570-1600 REV AB
ELT, ARTEX		3.5	120.0	420.0	14.5	50.8	X		570-1600 REV AB
ANTENNA, RA-20 TELEMETRY		2.1	4.7	9.8	-4.5	-9.4	O	C	SH10-10
CARGO HOOK AND SWING ASSEMBLY (FP)		5.9	110.0	649.0	0.0	0.0	X	C	SR01164SE
CARGO HOOK AND SWING ASSEMBLY (RP)		30.0	133.0	3990.0	0.0	0.0	O	C	SR01164SE
CARGO BASKET, L/H, DART HELI-UTILITY (FP)		5.9	135.0	796.5	-36.5	-215.4	X		SH94-14
FLOOR COVERING		88.0	135.0	11880.0	-48.0	-4224.0	O	C	SH94-14
CARGO MIRRORS, R/H		6.0	11.0	66.0	32.0	192.0	X	C	SH96-61
TANIS PREHEAT		3.0	146.5	439.5	0.0	0.0	X		GEM350-07
REAR LOCKER EXTENDER, DART		7.8	205.0	1599.0	0.0	0.0	X		SH90-4
FLIGHT MANUAL		2.5	63.4	158.5	-14.0	-35.0	X		FLM
FIRST AID KIT		3.0	12.0	36.0	-8.0	-24.0	X		GHL
FIRE EXTINGUISHER, AMEREX		2.2	68.0	149.6	11.0	24.2	X		GHL
SURVIVAL KIT		24.0	117.0	2808.0	14.5	348.0	X		GHL

X: Item was on the aircraft at the time aircraft was weighed or is included in the basic weight
O: Item was off the aircraft at the time aircraft was weighed or is not included in the basic weight.
C: Item is on Configurations when installed.

Equipment List (Amend 14)							Date	Date Weighed	
							1-Apr-23		
Page	A/C Make, Model, Series	Registration Number			Serial Number		In A/C	ON 'C' Chart	REFERENCE
2 of 3	Airbus Helicopters AS350FX2	C-GHCT			1271				
Location and Description of Item		Weight	Arm	Moment	Lat. Arm	Lat. Moment			
28 FUEL									
FUEL DRAIN GUARD, ONBOARD		0.4	135.0	54.0	0.0	0.0	X		SR01164SE
DE-ICING FUEL FILTER, HELI-LYNX		7.5	137.8	1033.4	-14.5	-108.8	X		SH07-31
31 INDICATING/RECORDING									
HPMS, AERODYNE		4.8	162.8	781.4	-14.0	-67.2	X		SH01-57
HOURMETER, HONEYWELL		0.2	31.0	6.2	6.2	1.2	X		SH2866SW-D
M803 DIGITAL CLOCK, DAVTRON		0.2	31.0	6.2	6.2	1.2			
32 LANDING GEAR									
LANDING GEAR, HIGH, AIRBUS		122.2	132.5	16191.5	0.0	0.0	X		OEM
SKIDTUBE, LH, DART		30.1	128.6	3870.9	-41.3	-1243.1	X		SH99-7
SKIDTUBE, RH, DART		30.1	128.6	3870.9	41.3	1243.1	X		SH99-7
HELI ACCESS STEP, LH DART (D350-591-213)		6.3	88.0	554.4	-40.6	-255.8	X		SH92-6
HELI ACCESS STEP, RH DART (D350-591-214)		6.3	88.0	554.4	40.6	255.8	X		SH92-6
MAINTENANCE STEP, RH DART (D350-721-046)		1.0	161.7	161.7	35.6	35.6	X		SH93-1
MAINTENANCE STEP, LH DART (D350-721-045)		1.0	161.7	161.7	-35.6	-35.6	X		SH93-1
SETTLING PROTECTORS (BEARPAWS)		9.0	159.4	1435.0	0.0	0.0	X		SH01-22
34 NAVIGATION									
BLIND ENCODER, TRANS-CAL INDUSTRIES		0.7	18.5	13.0	13.0	9.1	X		SSD120-XX
TRANSPONDER, GARMIN GTX 327		3.1	31.0	96.1	96.1	297.9	X		011-00490-00
ANTENNA, TRANSPONDER		0.4	81.0	32.4	32.4	13.0	X		KA-60
DIRECTIONAL GYRO		2.3	31.0	71.3	14.0	32.2	X		RCA15BK-2
ARTIFICIAL HORIZON		2.3	31.0	71.3	14.0	32.2	X		RCA26BK-2
COMPASS, STANDBY		0.6	31.0	18.6	0.0	0.0	X		OEM
52 DOORS									
REAR CARGO DOOR HINGE, AIRBUS HELICOPTERS		3.9	181.5	707.9	-24.0	-93.6	X		SH97-33
53 FUSELAGE									
VERTICAL REFERENCE WINDOW, CHINOOK		5.0	61.0	305.0	25.3	126.5	X		SH00-43
62 MAIN ROTOR									
BLADE TIE DOWN KIT, AIRBUS HELICOPTERS (FP)		0.4	86.0	34.4	0.0	0.0	X		SH96-126
67 ROTOR CONTROLS									
BLANKING PLATE, COLLECTIVE, AIRBUS		0.2	63.4	9.5	-25.0	-3.8	X		OEM
BLANKING PLATE, CYCLIC, AIRBUS		0.2	44.1	8.8	-11.5	-2.3	X		OEM
DUAL CONTROLS, AIRBUS		5.0	45.1	225.5	-17.1	-85.5	X		OEM

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