



EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

Revised Weight and Balance and Equipment List

Reg#		AC S/N		Model				
N484ER		172S8944		172S				
Date	TT	R/I	Item	Weight	CG Arm	Moment	Useful Load	
10/9/2001	0.0	I	Initial	1667.00	39.8630	66451.62		
			Tail Skid	0.30	228.5000	68.55		
				1667.30	39.8969	66520.17	890.70	
5/7/2002	516.6	I	Lopresti "Boom Beam" landing/taxi light mod	1.25	35.6800	44.60		
				1668.55	39.8938	66564.77	889.45	
8/30/2003	1472.6	R	G-243 Battery	-28.00	-5.0000	140.00		
			I	Concorde RG24-15M Battery	29.50	-5.0000	-147.50	
					1670.05	39.8535	66557.27	887.95
10/12/2003	1530.2	I	GPS antenna	0.25	49.0000	12.25		
			Upper UAT antenna	0.50	88.0000	44.00		
			Lower UAT antenna	0.50	119.0000	59.50		
			Wire Harness	5.13	64.5000	330.89		
			MX20 Mounting tray	0.75	16.6600	12.50		
			1677.18	39.9578	67016.40	880.82		
1/13/2004	1754.7	I	MX20 Display	4.25	16.6600	70.81		
				1681.43	39.8989	67087.21	876.57	
8/3/2004	2183.7	I	GDL90 and Rack	6.50	119.0000	773.50		
				1687.93	40.2035	67860.71	870.07	
8/10/2004	2192.5	I	C/W Cessna SB 04-25-03	0.20	65.2000	13.04		
				1688.13	40.2065	67873.75	869.87	
5/31/2006	3604.0	R	Lopresti "Boom Beam" landing/taxi light mod	-1.25	35.6800	-44.60		
				1686.88	40.2098	67829.15	871.12	
5/31/2006	3604.0	R	tail skid	-0.30	228.5000	-68.55		
				1686.58	40.1763	67760.60	871.42	
6/1/2006	3605.0	R	GDL90 and tray	-6.50	119.0000	-773.50		
			R	MX20 and tray	-5.00	16.6600	-83.30	
					1675.08	39.9407	66903.80	882.92
R / I = Remove / Install				Max Weight	Weight	Arm	Moment	Useful Load
				2558.00	1675.08	39.9407	66903.80	882.92

The above removal / installation was performed in accordance with manufacturers specifications and is approved for return to service.

[Handwritten Signature]
Authorized Signature

FAA CERTIFIED REPAIR STATION N3XR616N