



**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		
		I	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		
		I	Upper UAT antenna	0.50	88.0000	44.00		
		I	Lower UAT antenna	0.50	119.0000	59.50		
		I	Wire Harness	5.13	64.5000	330.89		
		I	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				<b>Max Weight</b>	<b>Weight</b>	<b>Arm</b>	<b>Moment</b>	<b>Useful Load</b>
				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.

*[Signature]*  
Authorized Signature

FAA CERTIFIED REPAIR STATION N3XR616N