



# Columbia Aircraft Manufacturing Company

Columbia Service Center  
 22550 Nelson Road  
 Bend, Oregon 97701  
 (541)318-1144

## Weight and Balance, Equipment List Admendment

Aircraft registration:	<b>N515MM</b>	Date:	<b>1-Nov-2005</b>
Make:	<b>LANCAIR</b>	Work Order:	
Model:	<b>LC41-550-FG</b>		
Serial number:	<b>41046</b>		
Tach/Hobbs:	<b>299</b>		

New A/C empty weight:	<b>2564.49</b>	Max Wt.:	<b>3600.00</b>
New A/C CG:	<b>104.95</b>		
New A/C useful load:	<b>1035.51</b>		

DESCRIPTION	SERIAL NUMBER	WEIGHT	ARM	MOMENT
<b>PREVIOUS AIRCRAFT EMPTY</b>		<b>2512.99</b>	<b>104.59</b>	<b>262833.624</b>

<b>(REMOVED:)</b>				
DESCRIPTION	SERIAL NUMBER	WEIGHT	ARM	MOMENT
ECS CONTROL PANEL		0.42	79.00	33.18
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
	<b>SUBTOTAL=&gt;&gt;&gt;</b>	<b>(0.42)</b>		<b>(33.18)</b>

<b>INSTALLED:</b>				
DESCRIPTION	SERIAL NUMBER	WEIGHT	ARM	MOMENT
AUTOMATIC CLIMATE CONTROL SYSTEM PANEL		0.30	84.00	25.20
COMPRESSOR BELT GUARD		0.33	60.00	19.80
COMPRESSOR TO FIREWALL HOSES		2.26	60.00	135.60
AIRCONDITIONING COMPRESSOR		14.92	56.50	842.98
FUSELAGE WIRE HARNESS		3.52	109.48	385.37
EVAPORATOR ASSY		10.68	186.00	1986.48
FIREWALL TO CONDENSOR AND EVAP HOSES		3.69	125.56	463.32
CONDENSOR TO EXPANSION VALVE HOSES		0.62	164.20	101.80
CONDENSOR ASSY		11.14	164.20	1829.19
ECU/BLOWER MODULE		0.44	188.00	82.72
REAR MOUNTED RELAYS X3		0.28	188.00	52.64
RECIEVER DRYER AND HOSES		1.70	149.00	253.30
CABIN TEMP SENS AND WIRES		0.08	82.00	6.56
OAT PROBE		0.20	168.00	33.60
DEFROST/FLOOR SERVO VALVE ASSY		0.83	69.00	57.27
ECS SHUT OFFF VALVE ASSY		0.93	68.00	63.24
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
	<b>SUBTOTAL=&gt;&gt;&gt;</b>	<b>51.92</b>		<b>6339.07</b>

<b>NEW AIRCRAFT VALUES</b>	<b>2564.49</b>	<b>104.95</b>	<b>269139.51</b>
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 Philip John Swibtes Authorized Signature	A&P 2584811 Certificate Number	1-Nov-2005 Date
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