

Hardware List by group –Page #HR1

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
TOP & BOTTOM STRINGERS	24	AN526C 440-16	1" Truss-head screws
	24	Ms21044N04	Locknuts
SIDE STRINGERS	15	AN526C 440-8	1/2" Truss-head screws
	15	Ms21044N04	Locknuts
REAR TRIM INDICATOR PULLEY	1	AN3-7	Bolt
	1	AN3-10	Washer
	1	AN310-3	Castle nut
	1	MS24665-132	Cotter pin
	2	AN526C 1032-14	Truss-head screws
	2	MS21044N3	Locknuts
TRIM INDICATOR CABLE BRACKET	1	AN3-7	Bolt
	2	AN960-10	Washers
	1	AN310-3	Castle nut
	1	MS24665-132	Cotter pin
JACK SCREW SUB-ASSEMBLY	1	MS15003-6	90 degree zerk fitting (grease nipple)
	2	AN5-7	Bolts
	2	AN960-516	Washers
	2	AB960-516L	Washers
	2	MS24665-136	Cotter pins
JACK SCREW	3	AN960-616	Washer
	1	AN960-616L	Washer
	1	AN310-6	Castel nut
	1	MS24665-140	Cotter pin
1" TRIM CABLE PULLEYS	2	AN3-7	Bolts
	2	AN960-10	Washers
	2	AN310-3	Castle nuts
	2	MS24665-132	Cotter pins
FRONT IDLER PULLEY BRACKET	1	AN3-5A	Bolt
	1	AN3-5	Bolt
	4	AN960-3	Washers
	1	AN365-1032	Locknut
	1	AN3103-3	Castel nut
	1	MS24665-132	Cotter pin
REAR TRIM INDICATOR CABLE	1	AN3-6	Bolt
	1	AN960-10L	Washer
	1	AN960-10	Washer
	1	AN380-3	Castle nut
	1	MS24665-132	Cotter pin
TRIM INDICATOR POST INSTALL	2	CCP-32	Rivets
	1	AN366F-1032A	Anchor Nut
	1	Unknown Part #	Indicator Post

Hardware List by group –Page #HR2

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
BALANCE CABLE PULLEY	1	AN3-7	Bolt
	1	AN3-10	Washer
	1	AN3-10L	Washer
	1	AN310-3	Castle nut
	1	MS24665-132	Cotter pin
	1	MS24665-283	Cotter pin
RUDDER TEMPORARY INSTALL	2	MS20392-3C53	Clevis pins
VERTICAL FIN INSTALL	1	AN3-12A	Bolt
	1	AN3-12	Bolt
	3	AN960-10	Washers
	1	AN310-3	Castle nut
	2	MS24665-132	Cotter pin
VERTICAL FIN SADDLE	1	CCP-44	Rivets
	1	AN526C 440-8	Screw
	1	MS21044No4	Locknut
FLOOR BOARDS –REAR BAGGAGE	18	18 x 13 x 1"	Machine screws
	18	AN365-1032A	Lock nuts
TORQUE TUB STOPS	2	AN3-12A	Bolts
	2	1/4"	Nuts
FLOOR BOARDS—2ND FRONT	4	10-32 x1"	Screws
	2	AN960-10	Washers
	4	AN365-1032A	Lock nuts
	2	AN970-3	Penny washers
RUDDER PEDALS	4	D346000	Return Springs
	16	AN3-7A	Bolts
	16	AN960-10	Washers
	16	AN365-1032A	Locknuts
FLAP PULLEYS	5	AN5-16A	Bolts
	5	AN970-5	Large Penny Washers
	8	AN960-516	Washers
	5	AN365-524A	Locknuts
REAR ELEVATOR BRACKETS	2	AN3-5A	Bolts
	2	AN960-10	Washers
	2	AN310-3	Castle nuts
	2	MS24665-132	Cotter pins
REAR ELEVATOR PULLEYS	2	AN3-12	Bolts
	4	AN960-10	Washers
	2	AN310-3	Castle nuts
	2	MS24665-132	Cotter pins
FRONT ELEVATOR PULLEY	1	AN5-10	Bolt
	2	AN960-516	Washers
	1	AN310-5	Castle nut
	2	MS24665-138	Cotter pin

Hardware List by group –Page #HR3

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
TORQUE TUBE 1" Pulley	1	AN3-7	Bolt
	2	AN960-10	Washers
	1	AN310-3	Castle nut
	1	MS24665-132	Cotter pin
TORQUE TUBE SADDLES	4	AN4-14A	Bolts
	4	AN960-416	Washers
	4	AN365-428A	Locknuts
TORQUE TUBE CONTROL STICK	2	AN4-23	Bolts
	4	AN960-416	Washers
	2	AN310-4	Castle nuts
	2	MS24665-134	Cotter pins
TORQUE TUBE CONNECTION TUBE	2	AN24-14	Clevis pins
	2	AN960-416L	Washers
	2	AN320-4	Shear nuts
	2	MS24665-281	Cotter pins
RUDDER CABLE TO PEDALS	4	AN3-5	Bolts
	8	AN960-10	Washers
	4	AN310-3	Castle nuts
	4	MS24665-132	Cotter pins
REAR RUDDER CABLE PULLEYS	2	AN3-10	Bolts
	6	AN960-10	Washers
	2	AN310-3	Castle nuts
	2	MS24665-132	Cotter pins
LOWER AILERON PULLEYS	2	AN3-7	Bolts
	4	AN960-10	Washers
	2	AN310-3	Castle nuts
	2	MS24665-132	Cotter pins
FRONT BRAKE PEDALS	8	AN3-15A	Bolts
	8	AN960-10	Washers
	8	AN365-1032A	Locknuts
BRAKE CONNECTING RODS	4	AN3-7	Bolts
	4	AN970-3	Penny washers
	4	AN960-3	Washers
	4	AN310-3	Castle nuts
	4	MS24665-132	Cotter pins
HEEL BRAKES	8	AN3-10	Bolts
	8	AN970-3	Washers
	8	AN365-1032A	Locknuts
	4	AN822-4D	90° Elbow flared and pipe threaded
BRAKE RESERVOIR INSTALLATION	1	A-315	Reservoir (firewall mounted style)
	2	NAS1801-3-8	Bolts
	2	CCP-44	Rivets
	1	AN825-4D	Fuel Tee flared & pipe threaded on side

Hardware List by group –Page #HR4

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
GEAR LEG BRAKE LINES	8ft	03-39300	1/4" Aluminum tubing
	4	MS21919-WDG4	Adel clamps
	4	AN526C 1032-8	S/S Machine Screws
	4	AN365-1032A	Locknuts
	4	AN818-4	Nuts
	4	AN819-4D	Sleeves
	2	AN815-4D	Unions
	2	AN822-4	Elbows
FUEL VALVE MODIFICATION	1	6749	Weather head fuel shut-off valve
FUEL SYSTEM	50ft	03-40600	3/8" Aluminum tubing
	4	AN825-6D	Tee
	1	AN914-2D	Elbow
	1	AN822-6D	Elbow
	10	AN819-6D	Sleeves
	10	AN818-6D	Nuts
	1	AN929-6D	Cap
	2	AN816-6D	Nipple
	6	AN912-2D	Bushing 3/8" to 1/4" pipe thread reducer
	2	AN910-2D	Pipe threaded coupling
	2	CAV-160	1/4 NPT SAF-AIR Drain valve
	6	04-00049	3/8" T Series Cap plugs (unthreaded)
	2	AN924-6D	3/8" Flared tube bulkhead nuts
	8	MS21919-WDG6	3/8" Adel clamps
	6	AN526C-1032-10	Stainless steel machine screws
	8	AN365-1032A	Locknuts
1 bag	11-04229	Cable ties	
BATTERY CABLES & GROUND WIRE	1	11-02233	12 Volt battery
	1	111-226	Master relay
	30 ft	11-14502	#2 AWG battery cable
	10 ft	11-14510	#10 AWG battery cable
	100 ft	11-14514	#14 AWG Wire for solenoids & Instrument Panel
	4	MS21919-DG6	3/8" Adel clamps
	2	AN526C 1032-8	1032 x 1/2" Machine screws
	2	K1000-3	10-32 Anchor nuts
	1 bag	11-04229	Cable ties
	2	MS25226-8-4	Buss bars
WING WIRING HARNESS	? ft	11-14516	16 Gauge wire (navigation lights)
	? ft	11-14514	14 Gauge wire (Landing light & Aux fuel pump)
	25	T4X4	#4 Truss head type A stainless screws
WING AUXILIARY FUEL PUMP	2	AN816-6D	Nipple
	8	AN818-6D	Nut
	8	AN819-6D	Sleeve
	2	AN821-6D	Elbow
PITOT STATIC LINE	10 ft	03-40400	1/4" Aluminum Tubing
	25	T4X4	#4 Truss head type A stainless screws

Hardware List by group –Page #HR5

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
LANDING GEAR ASSEMBLY	4	AN6-26	Bolts for Conventional steps
	4	AN6-25	Bolts for Non-Conventional steps
	12	AN960-616	Washers
	4	AN310-6	Castle nuts
	4	MS24665-283	Cotter pins
LANDING GEAR –SIDE STEP	1	AN3-5	Bolt
	2	AN960-10	Washers
	1	AN310-3	Castle nut
	1	MS24665-132	Cotter pin
LANDING GEAR—CABANE V	2	AN5-17A	Bolts
	4	AN960-516	Washers
	2	AN310-5	Castle nuts
	2	MS24665-138	Cotter pins
SHOCK STRUTS—UPPER	2	AN6-17	Bolts
	4	AN960-616	Washers
	2	AN310-6	Castle nut
	2	MS24665-283	Cotter pins
SHOCK STRUTS—LOWER	2	AN6-22	Bolts
	2	AN960-616	Washers
	2	AN310-6	Castle nut
	2	MS24665-283	Cotter pins
TAIL WHEEL	1	AN7-21A	Bolt
	1	AN6-26A	Bolt
	1	AN5-17A	Bolt
	1	AN960-716	Washer
	3	AN960-616	Washer
	3	AN960-516	Washer
	1	AN365-720A	Locknut
	1	AN365-624A	Locknut
	1	AN365-524A	Locknut
STABILIZER	2	AN3-13A	Bolts
	2	AN3-14A	Bolts
	8	AN960-10	Washers
	4	AN365-1032A	Locknuts
TAIL BRACE WIRES	3	AN4-15A	Bolts
	2	AN3-5A	Bolts
	2	U40131-00	Bent Washers - <i>Univair P/N</i>
	9	AN960-10	Washers
	4	U82732-072	Bushings - <i>Univair P/N</i>
	5	AN365-1032A	Locknuts

Hardware List by group –Page #HR6

Note: All part numbers listed below are Aircraft Spruce & Specialty Co.

	<u>Amount</u>	<u>Part Number</u>	<u>Description</u>
ELEVATORS	1	AN3-7A	Bolt
	1	AN3-7	Bolt
	1	AN6-7A	Bolt
	2	AN23-11	Clevis bolts
	4	AN394-55	Clevis pins
	6	AN960-10	Washers
	8	AN960-416	Washers
	4	AN960-416L	Washers
	2	AN960-616	Washers
	1	AN365-624A	Locknut
	1	AN365-1032A	Locknut
	4	AN310-3	Castle nuts
	7	MS24665-132	Cotter pin
RUDDER	2	AN3-13A	Bolts
	2	AN42B-7A	Bolts
	2	AN23-9	Clevis bolts
	2	AN394-55	Clevis pins
	2	MS24665-132	Cotter pins
	2	MS24665-28	Cotter pins
	16	AN960-10	Washers
	2	AN960-10L	Washers
	4	AN365-1032A	Locknuts
	2	AN310-3	Castle nuts
	1	06-15900	Rudder Arm with 3/4" post
1	2151	Tension spring kit	
SKYLIGHT & SIDE GLASS	1.5 sheet	03-504-10	4 x 8 Clear lexan
	1 sheet	03-504-08	4 x 4 Clear lexan
MAIN WHEELS & BRAKES	8	AN5-6A	Bolts
	8	AN960-516	Washers
	8	AN960-516L	Washers
	8	AN365-524A	Locknuts
	2	MS24665-379	Cotter pin