

2 X 3/8" 4-40 screw with washer front under

(Nose)

4 X 3/8" or 5/8" 6-32 screws + 6-32 blind nuts
+ 2 small sheet metal screw for
Dummy cylinder (4-40 can be
substituted)

Flap system 8 large hinge points + 2 small hinge points.

2 horns

2 X 6" 4-40 control rods

2 X 4-40 solder on clevis

2 X 4-40 screw on clevis

Others: canopy:

2 X 1/4" X 4-40 screws + blind nuts

spoiler servo cover : 8 small sheet metal screw

2 airbag

Tail hook

1 X 1" 4-40 screw allen head

1 X bolt on #180 ball link set

(3 parts)

(optional, Not supplied)

2 X 2" thread 2-56 rods
2 X screw on clevis 2-56

Option with wing pivot system. 2X mounting bracket

4 X MTSM3T ball links
4 X 3/4" 10-32 allen head screw
6 X #6X3/4" #386 sheet metal allen head screw

4 lock washer
4 washer 6-32
4 self lock 6-32 nuts

1 F14 pivot servo
1 Switch harness
1 Battery
2 Swing arm

Option with fan & engine

4 custom made mount
8 X 1/2" 6-32 allen head screw
8 washer 6-32

Option with pivot block

8 X 5/8" 6-32 allen head screw
8 Sig H.D. blind nut 6-32

Option with retracts

4 X 1/2" 4-40 screw with washer front
4 X 1/2" 4-40 screw with washer rear
2 X 1/4" 4-40 screw with washer front under
both and/or

Throttle control system:

2 throttle ball link set
 2 X 8" 2-56 control rods
 1 X 12" 2-56 control rods
 2 X screw on clevis 2-56
 1 X solder on clevis 2-56
 1 90 bell crank system

Fan hatch:

14 X 4-40 screws X 1/4" allen head
 14 X 4-40 blind nuts

Engine hatch:

12 X #2 X 3/8" #380 allen head sheet metal screw
 Elevator system: 2 X 5" aluminum yolk w 6-32 screws
 2 X Rocket city #87 ball link set
 2 X 4-40 solder on clevis
 4 X Black Nylon bushing
 2 X 1/4" wheel collars
 2 X white Nylon bushing
 2 X 5" steel 1/4" tubing
 2 X 1-1/2" steel 1/4" tubing
 2 X 1/4" white Nylon bushing cut from standard bushing
 2 X 17" X 4-40 control rod

Option with spoilers:

2 X 1" 4-40 allen head screws
 2 X Dubro #180 bolted on ball link set
 (3 parts each) (optional, Not supplied)

Pivot blocks (optional)

P1	Bracket	X 2
P2	Telescopic brass bearing	X 4
P3	Axle	X 2
P4	Washer (large)	X 4
P5	Screws (large)	X 4
P6	Mounting 6-32 screws	X 8
P7	Mounting blind nuts	X 8

F-14 hardware list

Fuel system: 2 X 24 OZ Dubro tanks
 2 X 2/4 OZ Dubro tanks
 8 feet fuel line

Rudder system: 2 X 1/4" custom made rudder horns.
 2 X Dubro #180 bolt on ball link set (3 parts)
 2 X 16" 2-56 control rods.
 2 X screw on clevis 2-56
 2 X 1/2" 4-40 allen head screw with 2 washer &
 2 blind nuts
 8 hinge points
 2 X white nylon bushing

Bulkheads, servo mounts, retracts mounts, etc.

B1	Exhaust ring	X 2	P
B2	Airbrake front bulkhead	X 2 1	P
B3	Airbrake rear bulkhead	X 2 1	P
B4	Rudder rear full width bulkhead	X 1	P
B5	Rudder post	X 2	P
B6	Elevator & rudder push rod mid point bulkhead	X 1	P
B7	Midline bulkhead	X 1	P
B8	Elevator servo mount (vertical)	X 2	P
B9	Elevator servo mount (horizontal)	X 1	P
B10	Rudder servo mount (3 parts)	X 1	P
B11	Airbrake & tailhook servo mount	X 1	P
B12	Main bulkhead	X 1	P
B13	Engine hatch ply rails	X 8	P
B14	Rear retract mount	X 8	P
B15	Fan mount inboard	X 2	P
B16	Fan mount outboard	X 2	P
B17	Main hatch mounting brackets (Fanhatch)	X 14	P
B18	Throttle servo mount	X 1	P
B19	Throttle bell crank mount	X 1	P
B20	Nose gear mount (horizontal)	X 1	P
B21	Nose gear vertical mount	X 2	P
B22	Glue rail for nose gear mount	X 2	P
B23	Dummy cylinder mount	X 1	P
B24	Steering servo mount	X 1	P
B25	Cockpit dashboard	X 1	P

Others			
	01	Wood dowel for tail hook control rod	X 1
	02	Metal ring hinge for tail hook	X 2
D	03	Cockpit rear mounting plate	X 2
D	04	Dowels for rear cockpit mounting	X 2
	05	Cockpit mounting plywood	X 8
	06	Airbags	X 2
	07	Clear blue IR lens cover	X 1
	08	Red & green lens material	X 2
O			

(2 parts each)			
M	E11	*17" X 4-40 rods	X 2
M	E12	*4-40 solder clevis	X 2
P	E13	Pre installed outboard plate	X 2
P	E14	Inboard bearing mounting plate	X 2
P	D E15	Upper horizontal plate	X 2
P	E16	Fibreglass elevator tips	X 2

Plywood parts (P) Metal (M) Balsa parts (B) Others (O)
 * in hard ware list (D) Demonstrated

Rudder : R1	Pre-sheeted rudder panels	X 2	O
R2	Fibreglass rudder tips	X 2	F
R3	Vertical stab trailing edge	X 2	B
R4	rudder leading edge	X 2	B
D R5	rudder root cap	X 2	B
D R6	rudder horn plate	X 2	P
R7	rudder horn (4 parts each)	X 2	M
R8	*Nylon horn bearing (in hardware list)	X 2	O
R9	*Dubro #180 bolted on ball link set (3 parts each)	X 2	O
R10	*16" 2-56 control rod	X 2	M
R11	* 2-56 screw on clevis	X 2	M
R12	Fibreglass actuator covers	X 4	F
Elevator : E1	Pre-sheeted elevator panels	X 2	O
D E2	Elevator block	X 2	B
D E3	Elevator shaft dowel	X 2	P
E4	*5" steel tube (outboard) 1/4"	X 2	M
E5	*1-1/2" steel tube (inboard) 1/4"	X 2	M
E6	Elevator yolk (3ps each)	X 2	M
E7	*Nylon horn bearing (white)	X 4	O
E8	*Nylon horn bearing (black)	X 4	O
E9	*#87 ball link set (3parts each)	X 2	O
E10	*1/4" wheel collars (2 parts each)	X 2	M

W15	Pre sheeted wing panels	X 2	O
W16	Fibreglass pivot donut	X 2	F
W17	Fibreglass leading edge		

R14 Part List

Plywood parts. (P) Metal (M) Balsa parts (B) Others (O)

Wing : D W1	Wing pivot fork	X 2	P
W2	Flap & spoiler servo box liners	X 10	P
W3	Flap & spoiler servo box cover	X 2	P
W4	Wing Box front cap	X 2	P
W5	Wing Box rear cap	X 2	P
D W6	Leading edge slot spacer	X 4	P
W7	Wing tip $\frac{1}{16}$ " insert	X 2	P

W8	Trailing edge hinge cap	X 2	B
W9	Triangular stocks (hinge cover)	X 2	B
W10	Flap leading edge	X 2	B
W11	No flap option insert	X 2	B
W12	Spoiler L shape insert	X 2	B
W13	Wing tip block	X 2	B
W14	Wing pivot fork filler	X 8	B