

# QUICKIE AIRCRAFT CORPORATION

BUILDING 68, MOJAVE AIRPORT

28 December, 1979

POST OFFICE BOX 786  
MOJAVE, CALIFORNIA 93501

TELEPHONE  
805 824 4313

## BILL OF MATERIALS - QUICKIE AIRCRAFT KIT PREFABRICATED COMPONENTS

| <u>Part No.</u>  | <u>Description</u>              | <u>Quantity</u> |
|------------------|---------------------------------|-----------------|
| —                | Canopy                          | 1               |
| —                | Cowling (top and bottom)        | 1 set           |
| —                | Tailspring Rod                  | 1               |
| — QOSP           | Phenolic Bearing Block          | 1               |
| — QCS3           | Spacer                          | 1               |
| — QCSA1          | Control Stick Assembly          | 1               |
| — QCSA2          | Control Stick Mounting Assembly | 1               |
| — QCSA3          | Aileron Bellcrank               | 1               |
| — QCSA4          | Aileron Assembly                | 1               |
| — QCSA5          | Aileron Assembly                | 1               |
| — QCSA6          | Elevator Assembly               | 1               |
| — QCSA7          | Elevator Assembly               | 1               |
| — QCSA8          | Elevator Assembly               | 1               |
| — QCSA9          | Rudder Pedals (left and right)  | 1 set           |
| — QCSA10         | Rudder Actuator Arm             | 1               |
| — QCSM1 (or CS8) | Spacer                          | 1               |
| — QCSM2          | Elevator & Aileron Pivot        | 4               |
| — QCSM3          | Elevator & Aileron Stud         | 4               |
| — QCSM4          | Bushing                         | 5               |
| — QCSM5          | Outboard Elevator Stud          | 2               |
| — QCSM6          | Bushing                         | 4               |
| — QCSM7          | Outboard Elevator Pivot         | 2               |
| — QESM1          | Motor Mount Housing             | 3               |
| — QESM1-1        | Motor Mount Spacer              | 3               |
| — QTW3           | Tailwheel Weldment              | 1               |
| — QTW4           | Spacer                          | 1               |
| — QTW5           | Tailwheel Fork                  | 1               |

NOTE: Circled items are backordered and will be sent to you as soon as they arrive

## BILL OF MATERIALS - QUICKIE CONSTRUCTION AND FLYING INFORMATION

1. Quickie Construction Plans
2. Quickie Owner's Manual
3. Initial Light Testing of Your Quickie Guide
4. Quickie Newsletter, issue no. 1 (January, 1979) forward
5. Quickie Plans Change Notices (abbreviated QPC), QPC1 forward

#541

BUILDING 68 MOJAVE AIRPORT

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BILL OF MATERIALS - QUICKIE ENGINE INSTALLATION PACKAGE

| <u>Description</u>   | <u>Quantity</u>     |
|--|---------------------|
| Aluminum Sheet, 2024T3, 2" X 6" X 0.125"                         | 1                   |
| Aluminum Tube, 2024T3, 1.25" X 0.035" X 8"                       | 1                   |
| Aluminum Tube, 6061T6, 1.50" X 0.035" X 6"                       | 1                   |
| QS100-M6W Clamp  | 1                   |
| QS100-M16W Clamp   | 2                   |
| QS100-M24W Clamp   | 2                   |
| QS100-M32W Clamp   | 2                   |
| QS100-M36W Clamp   | 1                   |
| Aeroduct CAT-5 Hose, 1.25" I.D.                                  | 12 <sup>in</sup>    |
| Neoprene Hose, 0.375" I.D.                                       | 24 <sup>in</sup>    |
| Asbestos Fabric, 5" X 36"  | 1                   |
| Airspeed Gauge (0 to 180 MPH or 0 to 220 MPH)                    | 1                   |
| Altimeter - Non sensitive Single Needle                          | 1                   |
| Compass #2300, Airpath   | 1                   |
| Tachometer   | 1                   |
| Oil Temperature Gauge  | 1                   |
| Oil Pressure Gauge   | 1                   |
| Voltmeter  | 1                   |
| Cylinder Head Temperature Gauge (including lead)                 | 1                   |
| - Exhaust System (left and right)                                | - 1 <sup>PAIR</sup> |
| - Propeller  | - 1                 |
| QES7 Spacers   | 4                   |
| Push-Pull controls   | 2                   |
| MS20074-05-24 Bolt   | 4                   |
| AN3-6A Bolt  | 4                   |
| AN3-7A Bolt  | 2                   |
| AN3-13A Bolt   | 1                   |
| AN4-16A Bolt   | 3                   |
| AN4-23A Bolt   | 1                   |
| AN4-33A Bolt   | 6                   |
| AN5-12A Bolt   | 2                   |
| AN507-1032-R10 Screw   | 18                  |
| AN526-1024-5 Screw   | 2                   |
| AN526-1032-8 Screw   | 7                   |
| AN363-1032 Nut   | 9                   |
| AN363-524 Nut  | 2                   |
| AN363-428 Nut  | 7                   |
| AN960-4 Washer   | 50                  |
| AN960-416 Washer   | 25                  |
| AN960-516 Washer   | 4                   |
| AN960-616 Washer   | 4                   |
| AN970-4 Washer   | 6                   |
| BSP-43 Rivets  | 65                  |
| BSP-46 Rivets  | 50                  |
| AN426AD-3-5 Rivets   | 50                  |
| K1000-3 Nutplate   | 25                  |
| Quickie Construction Plans PG. 17-3 to 17-14 FCL-FC2, Appendix 7 |                     |

*all items on this sheet (excluding 2 items marked) have been checked on this list and will be furnished upon delivery.*

*Picked up* →

*R.J. Stillman  
11-12-83*

NOTE: Circled items are backordered and will be sent to you as soon as they arrive

# QUICKIE AIRCRAFT CORPORATION

BUILDING 68 MOJAVE AIRPORT

POST OFFICE BOX 786  
MOJAVE, CALIFORNIA 93501

*T.A.N.  
COMPANY*

Dear Quickie Builder,

We have made two changes in this batch of engines to reduce weight and to improve serviceability:

1. Oil filter has been deleted.
2. The prop extension has a keyed shaft instead of using two bolts thru the crankshaft. This allows the prop extension to be replaced without replacing the engine crankshaft.

The following is a list of components in the Quickie Engine Box:

| <u>Item</u>  | <u>Quantity</u> |
|--|-----------------|
| 22<br>Omni 4 HP Engine   | 1               |
| Flywheel   | 1               |
| <u>Prop Extension</u>  | 1               |
| MS20074-0642 Bolt (Packaged with Prop Extension)               | 1               |
| AN200-010 Washers (Packaged With Prop Extension)               | 3               |
| <u>Prop Key (Packaged with Prop Extension)</u>                 | 1               |
| <u>Regulator</u>   | 1               |
| Carburetor Gasket  | 1               |
| Oil Pressure Installation Kit                                  | 1               |
| Instructions for mounting the Prop Extension                   | 1 sheet         |
| Coil Mounting Bolts (already installed on engine)              | 2               |
| Exhaust System Bolts and washers (already installed on engine) | 4               |

NOTE: Circled items are backordered and will be sent to you as soon as they arrive.

*Exhaust system bolts*

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## BILL OF MATERIALS - QUICKIE OPTIONAL LARGE TIRES AND WHEELS

| <u>Description</u>                   | <u>Quantity</u> |
|--------------------------------------|-----------------|
| — 3/32" diameter Cable               | 20 ft.          |
| — AN100-4 Thimble                    | 4               |
| 18-2-G Micropress Sleeve             | 4               |
| — Fairlead 3/4" X 1"                 | 2               |
| — Aluminum Angle 1" X 1" X 1/16"     | 3 in            |
| — Steel Tubing 3/4 O.D. X 0.049 Wall | 3 in            |
| — Steel Tubing 1/2 O.D. X .028 wall  | 12 in           |
| — Alum Tubing .875 X .120            | 6 in            |
| — Alum Tubing .625 X .065            | 15 in           |
| — AN3-14A bolt                       | 1               |
| — AN3-54A bolt                       | 4               |
| — QBSW2 Brake Shoe                   | 2               |
| — QBSW3 Brake Center Attachment      | 1               |
| — QBSW4 Brake Handle                 | 1               |
| — QBSW3 insert                       | 1               |
| — QTWM2 Tailwheel Axle               | 1               |
| — Tire & Tubes 4.00 X 5              | 2               |
| Wheels 5 inch diameter               | 2               |
| Tailwheel 6 inch diameter            | 1               |
| — Wheel bolts, washers, & nuts       | 6               |
| — Large Tire Option Plans            | 1 set           |



S/N 541

H.A.W. Kompany

# AIRCRAFT SPRUCE & SPECIALTY CO.

P.O. BOX 424 · FULLERTON, CALIFORNIA 92632 · (714) 870-7551

FIRST IN SPRUCE-

## QUICKIE AIRCRAFT - BILL OF MATERIALS

### FOAM - EPOXY - CLOTH

### QUANTITY

|                           |  |                  |
|---------------------------|--|------------------|
| Styrofoam                 | 7" x 14" x 64"   | 3 pcs.           |
| "                         | 7" x 14" x 41"   | 5 pcs.           |
| Urethane 210              | 1" x 24" x 96"   | 4 pcs.           |
| "                         | 1" x 24" x 48"   | 1 pc.            |
| Rigid PVC (6 lb./ft.3)    | <del>(light red) 25mm x 15cm x 27cm</del><br><i>white 1" x 6" x 10"</i>        | 1 pc.            |
| Rigid PVC (3.4 lb./ft.3)  | <del>(Gold) 8mm x 23-1/2" x 50" Type 55</del><br><i>white 10mm x 24" x 60"</i> | 5 pcs.           |
| "                         | " " " " <del>8mm x 23-1/2" x 16"</del>   | <del>1 pc.</del> |
| Saf T Pox Epoxy           |  | 7 Kits           |
| Five Minute Epoxy Kit     |  | 1 Kit            |
| Glass Bubbles             |  | 2 Bags           |
| Flock Cotton Fiber        |  | 1 Bag            |
| Unidirectional Fiberglass | 38" Width  | 60 Yards         |
| Bidirectional Fiberglass  | 38" Width  | 52 Yards         |

~~396 6823~~

### WOOD

|                            |                   |        |
|----------------------------|-------------------|--------|
| * Mahogany Plywood 90°     | 1/4" x 2' x 2'    | 1 pc.  |
| Triangular Corner Blocking | 5/8" Spruce       | 8 inch |
| Balsa Wood                 | 1" x 1-1/2" x 4"  | 1 pc.  |
| Spruce Longeron            | 3/4" x 3/4" x 72" | 2 pcs. |

### CABLES & SUPPLIES

|       |                        |        |
|-------|------------------------|--------|
| 1/16" | 7 x 7 Galvanized Cable | 3 ft.  |
| 3/32" | 7 x 19 " "             | 29 ft. |

CABLES & SUPPLIES cont'd

|                           |         |
|---------------------------|---------|
| 18-1-C Nicropress Sleeves | 12 pcs. |
| 18-2-G " "                | 4 pcs.  |
| AN 100-3 Thimbles         | 13 pcs. |
| AN 100-4 "                | 4 pcs.  |
| AN 115-21 Shackles        | 4 pcs.  |

TUBING

|                                   |           |
|-----------------------------------|-----------|
| 2024T3 Aluminum 1" x .035 x 6 ft. | 3 pcs.    |
| " " 3/4" x .035 x 6 ft.           | 1 pc.     |
| " " 1/2" x .035 x 6 ft.           | 1 pc.     |
| Versatube 1/4" x .032             | 5 ft.     |
| 6061T6 Aluminum 5/8" x .065       | 16 Inches |
| " " 7/8" x .120                   | 6 Inches  |
| 4130 Steel 1/4" x .028            | 9 Inches  |
| " " 7/16" x .065                  | 1 Inch    |
| " " 1/2" x .058                   | 4 Inches  |
| " " 3/8" x .065                   | 5 Inches  |

SHEET

|   |       |
|---|-------|
| 2024T3 Aluminum .125 x 8" x 9"                          | 1 pc. |
| " " .032 x 2' x 3'                                      | 1 pc. |
| " " .063 x 6" x 6"                                      | 1 pc. |
| 6061T6 Aluminum Triangle .250 x 14.5" long x 14.5" high | 1 pc. |
| Hot Rolled Steel Strip .190 x 1" x 2"                   | 1 pc. |
| 301 Stainless 1/2 Hard .016 x 2' x 2'                   | 1 pc. |

ANGLE

6061T6 Aluminum 1-1/2" x 2" x .125 16 in.

HARDWARE

|                      |    |
|----------------------|----|
| Heim M-34-14 Rod End | 1  |
| *Heim F-34-14 " "    | 4  |
| Heim F-31-14 " "     | 3  |
| AN490HT8P            | 3  |
| AN316-4R Jam Nut     | 4  |
| AN3-5A Bolt          | 4  |
| AN3-7A "             | 9  |
| AN3-10A "            | 19 |
| AN3-11A "            | 14 |
| AN3-12A "            | 7  |
| AN3-13A "            | 4  |
| AN3-14A "            | 6  |
| AN3-16A "            | 2  |
| AN3-22A "            | 1  |
| AN3-25A "            | 1  |
| AN3-44A "            | 2  |
| AN4-5A "             | 2  |
| AN4-7A "             | 2  |
| AN5-23A "            | 2  |
| AN5-24A "            | 1  |
| AN509-10R10 Screw    | 4  |
| AN509-10R14 "        | 4  |
| AN509-10R20          | 4  |
| AN515B6-16           | 20 |

|                         |          |
|-------------------------|----------|
| AN515B832-16            | 8 pcs.   |
| AN525-416R20            | 4 pcs.   |
| AN525-832R20            | 3 pcs.   |
| AN525-10R8              | 1 pc.    |
| AN525-10R10             | 1 pc.    |
| AN525-10R16             | 4 pcs.   |
| AN526-1032-4            | 1 pc.    |
| AN363-1032 Nut          | 91 pcs.  |
| AN363-428               | 6 pcs.   |
| AN363-524               | 3 pcs.   |
| MS21042-4               | 4 pcs.   |
| AN340B6                 | 20 pcs.  |
| AN340B8                 | 8 pcs.   |
| AN345B10                | 3 pcs.   |
| AN960-6 Washers         | 40 pcs.  |
| AN960-8                 | 22 pcs.  |
| AN960-10L Light Washers | 100 pcs. |
| AN960-10 Washers        | 100 pcs. |
| AN960-416               | 14 pcs.  |
| AN960-516               | 2 pcs.   |
| AN960-716               | 2 pcs.   |
| AN960-1016              | 2 pcs.   |
| AN970-3                 | 20 pcs.  |
| AN970-4                 | 6 pcs.   |
| AN970-5                 | 12 pcs.  |
| AN931-6-10 Grommet      | 1 pc.    |
| MS20257P4 Hinge         | 1 ft.    |
| MSP-4-2 Rivets          | 18 pcs.  |
| MSP-4-3                 | 6 pcs.   |



|                  |         |
|------------------|---------|
| BSP-4-6 Rivets   | 80 pcs. |
| AN426AD-3-5      | 40 pcs. |
| AN210-1A Pulley  | 2 pcs.  |
| K1000-3 Nutplate | 20 pcs. |

PLASTIC TUBING

|  |        |
|--|--------|
| 3/16" x .025 Nylaflo Tubing                | 19 ft. |
| 3/8" x 1/4" Vinyl Tubing                   | 12 ft. |
| Ryan Herco RH 4000-002 PVC Pipe 1/4" Clear | 8 in.  |

HOSE - TUBING INSERT FITTINGS - CLAMPS

|                                    |         |
|------------------------------------|---------|
| Elbow, Tube to Pipe 0711-153 Nylon | 1 pc.   |
| Adapter " " 0701-153 Nylon         | 2 pcs.  |
| Hose Clamps 0950-004               | 10 pcs. |

FUEL SYSTEM

|                                 |       |
|---------------------------------|-------|
| Fuel Shutoff Valve 104HD (1/8") | 1 pc. |
| Fuel Filter Alondra VA-6        | 1 pc. |
| Fuel Pump - Squeeze Bulb #490-1 | 1 pc. |
| Fuel Drain Valve CAV-110        | 1 pc. |
| Storage Bottle, 1 pint          | 1 pc. |

ELECTRICAL SYSTEM

|                              |         |
|------------------------------|---------|
| MLL-W-5086A Type II #18      | 35 ft.  |
| " " #22                      | 3 ft.   |
| Ring Tongue Terminal RA18-10 | 12 pcs. |
| AGC-20 Fuse                  | 1 pc.   |

|                                 |        |
|---------------------------------|--------|
| Fuse Holder                     | 1 pc.  |
| DPST Switch On-Off              | 2 pcs. |
| 100 PM-6 1" Square Shock Mounts | 3 pcs. |

TOOLS

|                                   |          |
|-----------------------------------|----------|
| Wiss Fabric Shears 20-W           | 1        |
| Dacron Surface Tape 2" x 50 Yards | 1 Roll   |
| Rubber Squeegee                   | 1        |
| Bristle Paint Brushes 1" Wide     | 25 pcs.  |
| Epoxy Mixing Cups 3 oz.           | 50 pcs.  |
| "    "    "    8 oz.              | 100 pcs. |
| Wooden Mixing Sticks              | 200      |
| Paint Filter Mask                 | 1        |
| Ply No. 9 Protective Hand Gel     | 1        |

MISCELLANEOUS

|                                    |        |
|------------------------------------|--------|
| Velcro Fastening Tape              | 4 in.  |
| Seatbelt/Shoulder Harness          | 1      |
| Spring 179-B                       | 2      |
| White Asbestos Sheet 2 ft. x 3 ft. | 1 pc.  |
| Piepan, 9" x 1-1/4"                | 1      |
| Cont. #22387 Motor Mount Rubbers   | 6 pcs. |
| Springs 9"                         | 2      |

*\* on back order  
to follow*