A POWER DRIVEN AUTOGYRO

# RO-DART

Designed by

**Dennis Neale**

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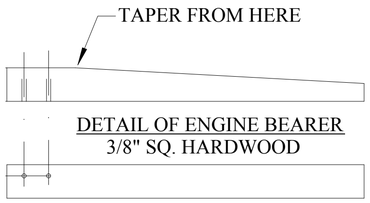
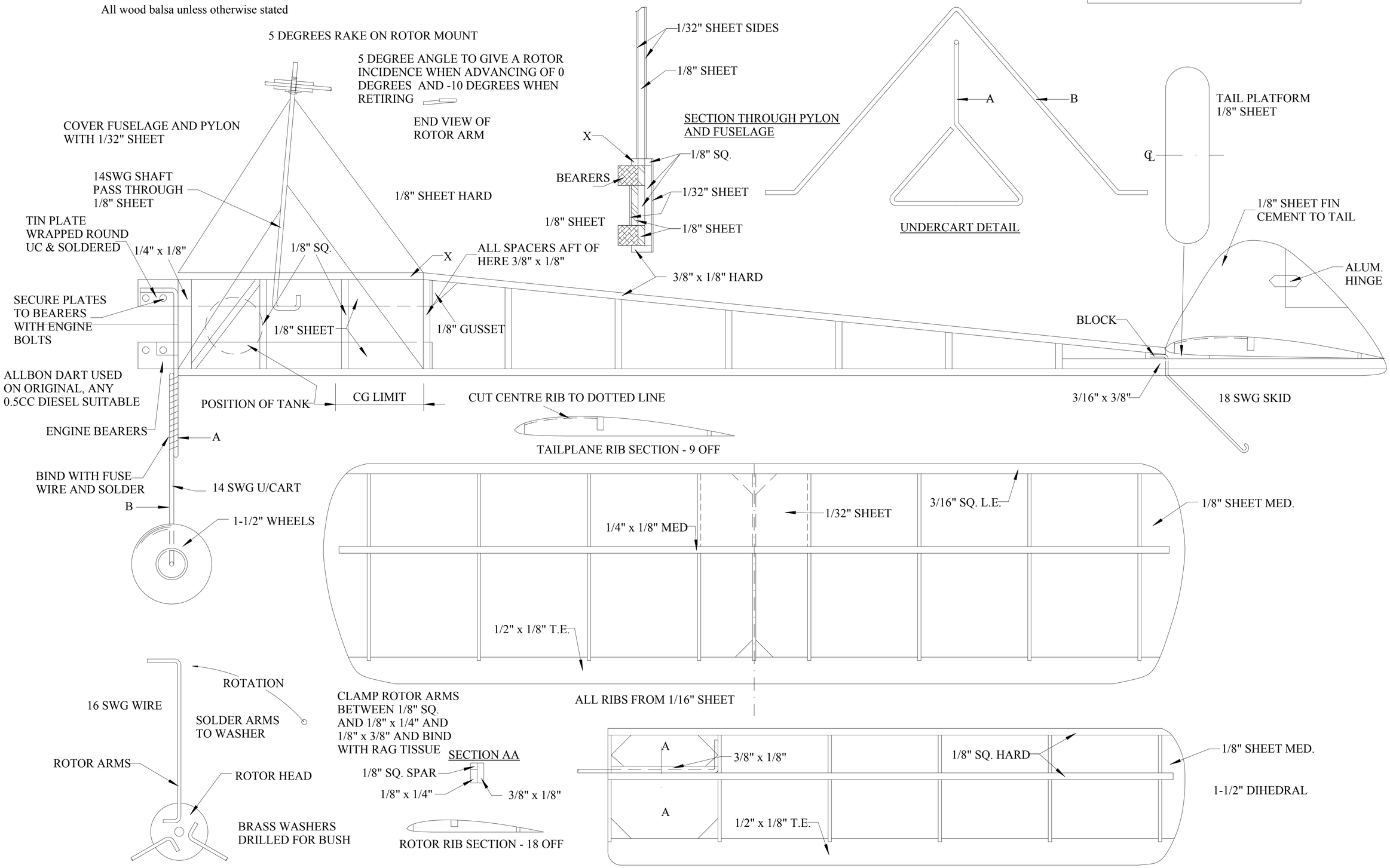
The Aeromodeller Plans Service

THE AERODROME, STANBRIDGE, BEDS

All wood balsa unless otherwise stated

## MATERIAL REQUIRED

| | | | |
|---|---|---|---|
| 3 STRIPS OF | 1/8" x 1/8" x 36" HARD | 12" OF | 16SWG. PIANO WIRE |
| 1 STRIP OF | 3/16" x 3/16" x 36" MED | 24" OF | 14 SWG PIANO WIRE |
| 2 STRIPS OF | 1/2" x 1/8" x 36" MED | 3" OF | 18 SWG PIANO WIRE |
| 2 STRIPS OF | 3/8" x 1/8" x 36" HARD | 8" OF | 3/8" x 3/8" HARDWOOD |
| 1 STRIP OF | 1/4" x 1/8" x 36" MED | 1 OF | 14SWG BUSH |
| 1 SHEET OF | 1/16" x 3" x 36" MED | STRIP OF | TINPLATE 1" x 3/4" |
| 1 SHEET OF | 1/32" x 3" x 36" MED | STRIP OF | BRASS 1" x 2" |
| SMALL SHEET OF | 1/8" HARD BALSA | CUP WASHERS | MODELSPAN |
| SMALL SHEET OF | 1/8" MED BALSA | 1-1/2" WHEELS, CEMENT, DOPE | |

## DATA

| | |
|---|---|
| ROTOR DIAM | 23-1/2" |
| ROTOR AREA | 75 SQ. INS. |
| TAIL AREA | 60 SQ. INS |
| LENGTH | 24-1/4" |
| WEIGHT | 5 TO 6 OZS. |
| POWER | DART 0.5 CC |