

MERCURY MAMBA

DATA

WINGSPAN — — — — 19"
WING AREA — — 79 SQ. INS.
LENGTH O.A. — — 17 1/4"
ALL UP WEIGHT — — 7 OZ.
POWER — — ANY 049 MOTOR

1 OZ. COUNTER BALANCE
WEIGHT. CUT FROM CEMENT
TUBE & ROLLED UP. BIND
TO SPAR & CEMENT WELL

PRE-SHAPED LEADING EDGE

PLASTIC FUEL TUBING
UNDERCARRIAGE CLIPS OMITTED
ON THIS VIEW FOR CLARITY

6" X 4" OR 6" X 5" PROP.

A.M. 049 SHOWN

MERCURY
WEDGE TANK

SOLDER WASHERS
TO RETAIN WHEELS

WING TIP DETAIL

20 S.W.G. LEAD OUT WIRES

PLY BELLCRANK PLATFORM.
CEMENT FIRMLY

1/16" SHEET
TOP & BOTTOM

3/16" SQ. SPAR

BRASS TUBES
CEMENT WELL

1/8" SHEET
GUSSETS

BELLCRANK

BELLCRANK

6 B.A. NUTS
& WASHERS

LEAD OUT WIRE

1/16" PLY BELLCRANK PLATFORM

6 B.A.
PIVOT
BOLT

BELLCRANK
ASSEMBLY

5/16" X 3/8" ENGINE
BEARERS

ENGINE NUTS &
BOLTS. 8 B.A.

UNDERCARRIAGE CLIPS. BOLT IN
PLACE WITH 6 B.A. NUT & BOLT

14 S.W.G. PRE-FORMED UNDERCARRIAGE

1 1/2" DIA. WHEELS

UNDERCARRIAGE SHOULD
HAVE 5" TRACK

PUSH-PULL ROD

ELEVATOR HORN DETAIL

BALANCE POINT

HOLE FOR
UNDERCARRIAGE

1/16" PLY EACH
SIDE OF NOSE

1/16" SHEET
TOP ONLY

3/8" SHEET COCKPIT

3/8" SHEET
FUSELAGE

3/32" SHEET FIN.
NO OFFSET

SECTION THROUGH
WING TIP

ELEVATOR
HORN

16 S.W.G. TAILSKID. CEMENT
FIRMLY IN PLACE

16 S.W.G. PUSH-PULL ROD

3/32" SHEET TAILPLANE

TAPE HINGES

20 S.W.G. ELEVATOR HORN.
RECESS INTO ELEVATOR

3/32" SHEET
ELEVATOR

FUSELAGE
CONSTRUCTION