

WINGTIP EXTENSION IS  
ALSO 7 GAL. FUEL TANK

# PROJECT "LOVE ONE"

LOW ORBIT, VERY EFFICIENTLY

## BEDE BD-2

AROUND-THE-WORLD NON-STOP, NON-  
REFUELING EXPERIMENTAL AIRCRAFT

SPAN ..... 63 FT.  
LENGTH ..... 27 FT., 7 IN.  
WING AREA ..... 192 SQ. FT.  
ASPECT RATIO ..... 20.7

EMPTY WEIGHT ..... 1725 lbs.  
GROSS WEIGHT ..... 4975 lbs.  
FUEL CAPACITY ..... 565 GAL.  
MAX. CRUISE SPEED ..... 194 MPH  
MAXIMUM RANGE ..... 28,500 MILES

WING AIRFOIL SECTIONS;

ROOT ..... NACA 63<sup>3</sup>618  
TIP ..... NACA 24012A  
EXTENSION ..... NACA 64<sup>2</sup>221

BUILT BY  
**JAVELIN AIRCRAFT CO.**  
WICHITA, KANSAS

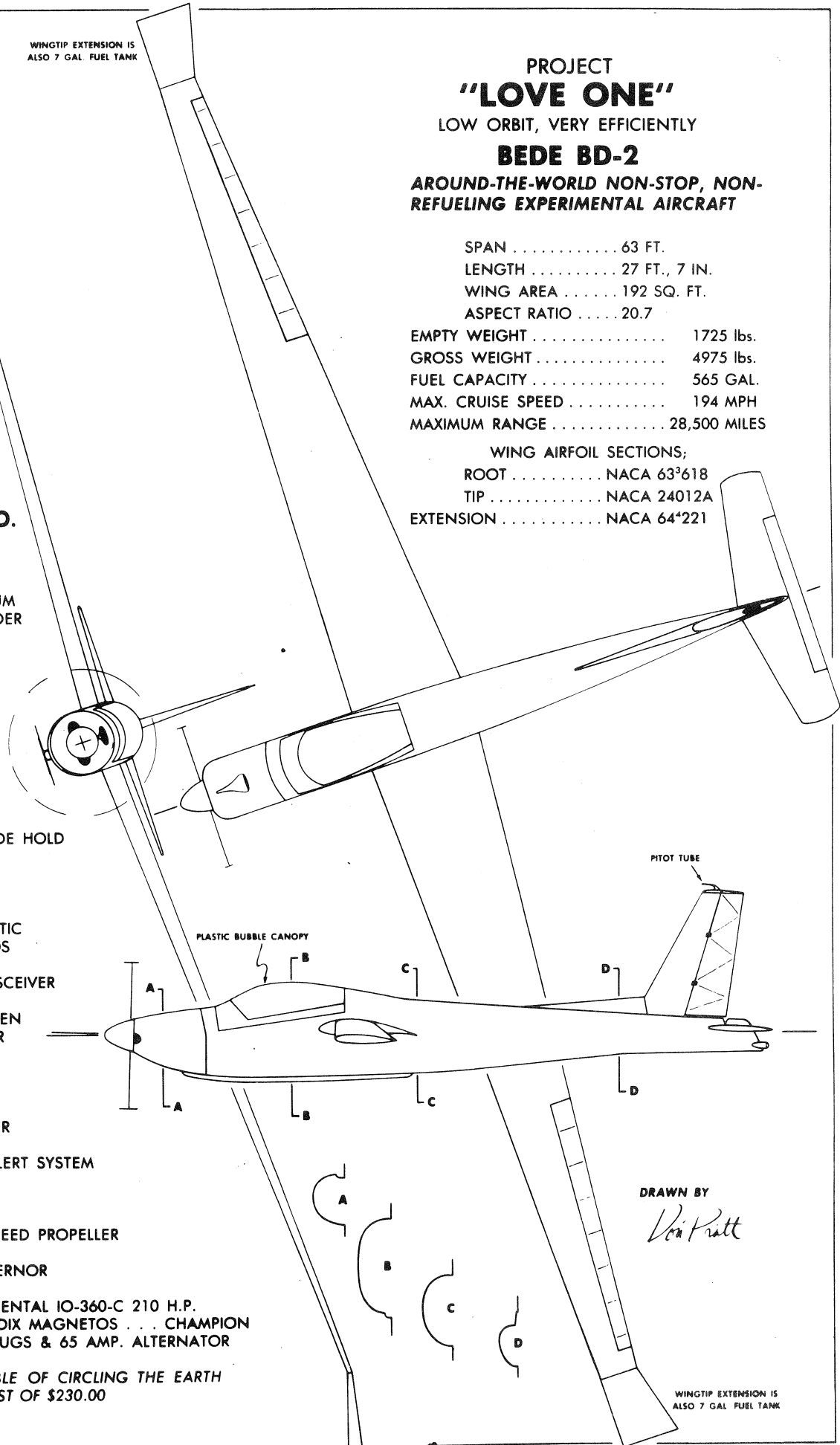
\* STRUCTURE IS ALL-ALUMINUM  
WITH FABRIC COVERED RUDDER  
& AILERONS

### EQUIPMENT LIST;

- BENDIX AUTO-PILOT WITH AUTOMATIC ALTITUDE HOLD
- 2 BENDIX 360 CHANNEL TRANSCEIVERS
- 2 BENDIX T-12C AUTOMATIC DIRECTION FINDER RADIOS
- ONE COLLINS H.F. TRANSCEIVER
- ARO CORP. LIQUID OXYGEN SYSTEM WITH CONVERTER
- COMPLETE SLEEP TIMER & ALERT SYSTEM
- ALCOR MIXTURE ANALYZER
- CHANGE OF ALTITUDE ALERT SYSTEM
- SPECIAL TAKEOFF DOLLY
- McCAULEY CONSTANT SPEED PROPELLER
- WOODWARD PROP GOVERNOR

\* ENGINE, CONTINENTAL IO-360-C 210 H.P.  
WITH SPECIAL BENDIX MAGNETOS . . . CHAMPION  
RHM 38P SPARK PLUGS & 65 AMP. ALTERNATOR

\* THIS AIRCRAFT IS CAPABLE OF CIRCLING THE EARTH  
NON-STOP AT A FUEL COST OF \$230.00



DRAWN BY  
*Von Pratt*

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