

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 63³618
 TIP NACA 24012A
 EXTENSION NACA 64⁴221

WINGTIP EXTENSION IS
 ALSO 7 GAL. FUEL TANK

BUILT BY
JAVELIN AIRCRAFT CO.
 WICHITA, KANSAS

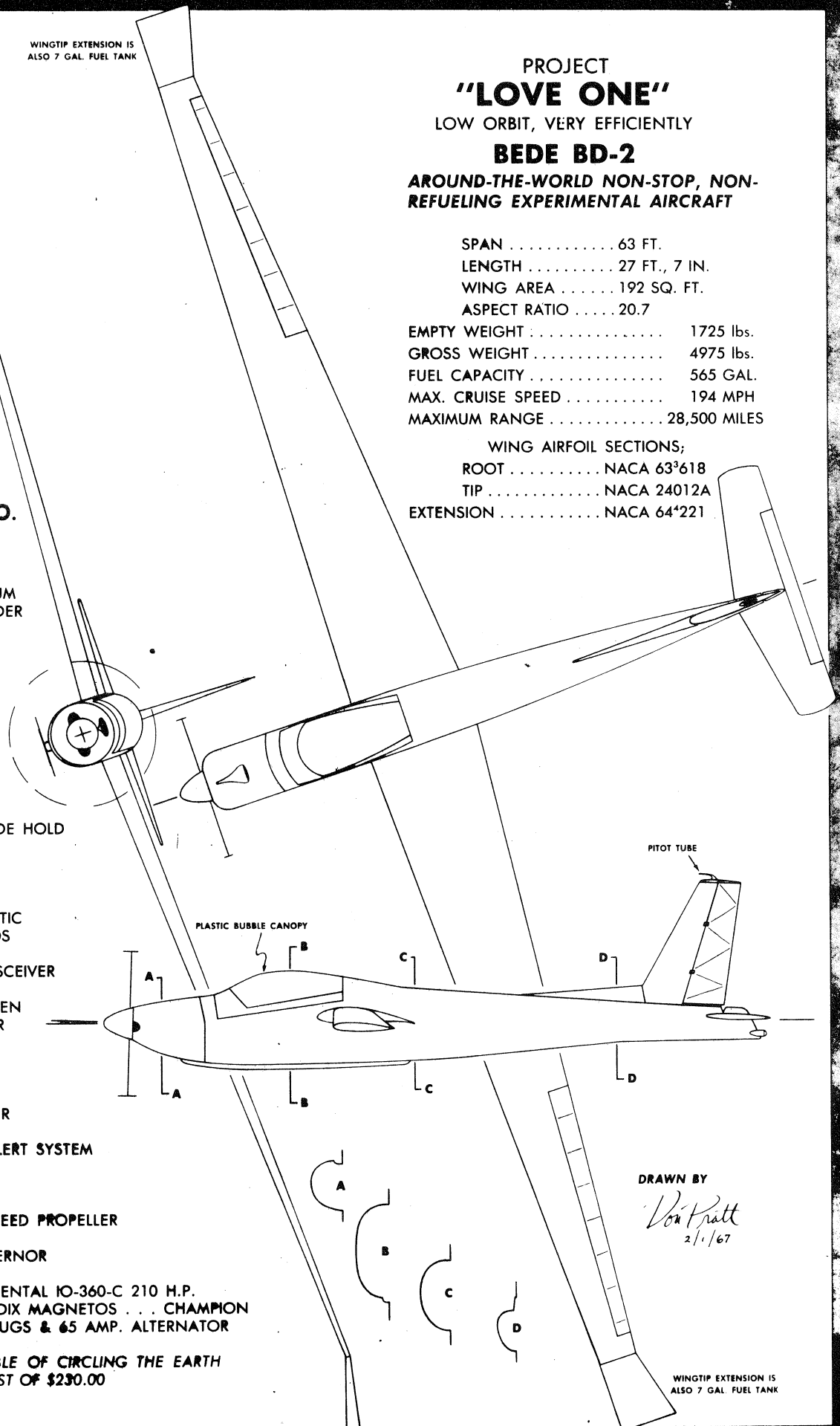
* STRUCTURE IS ALL-ALUMINUM
 WITH FABRIC COVERED RUDDER
 &AILERONS

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
 2/1/67

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