

**FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS**

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by AMF BEAIRD, INC., SHREVEPORT, LOUISIANA  
(Name and address of Manufacturer)

2. Manufactured for CITY OF COOKEVILLE, COOKEVILLE, TENNESSEE  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (144015) (Mfrs. Serial) (State & State No.) Natl. Bd. No. Yr. Built 1966

4. SHELL: Matl. SA-212-B-Flg. T.S. 70,000# Nom. 15/16 Corr. Thk. 0 In. Allow. 0 In. Diam. 10 Ft. 10 In. Length 36 Ft. 1-3/4 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No X.R. Complete Sectioned No Efficiency 100 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
 Girth Dbl. Butt H.T. No X.R. Complete Sectioned No No. of Courses 5

6. HEADS: (a) Material SA-455-B-Flg. T.S. 73,000# (b) Material T.S. \* See remarks

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
<u>Ends</u>	<u>.528"</u>					<u>65.4095"</u>		<u>Concave</u>

If removable, bolts used \_\_\_\_\_ Other fastening \_\_\_\_\_  
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 250 psi. at max. temp. 100 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic } Test }  
 Pneumatic or } Press. 375 psi.  
 Combination }

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Top of tank in shell

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	<u>(1)</u>	<u>2"</u>	<u>3000# Half Coupling</u>		<u>SA-105-II</u>		<u>Welded</u>
	<u>(4)</u>	<u>2"</u>	<u>(1) 2-1/2" 3000# Couplings</u>		<u>SA-105-II</u>		<u>Welded</u>
	<u>(1)</u>	<u>1"</u>	<u>(2) 3" 6000# Cplgs.</u>		<u>SA-105-II</u>		<u>Welded</u>
	<u>(1)</u>	<u>3/4"</u>	<u>Sch. 80 Seamless Pipe (Thermowell)</u>		<u>SA-106-B</u>		<u>Welded</u>

10. INSPECTION OPENINGS: Manholes, No. 1 Size 18" Location Top of tank in shell  
 Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
 Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other (2) Saddles Attached Shipped loose  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: One 130" I.D. x 47' 1-5/8" O.A. Length 29,998 W.G. Propane Storage Tank, per Beaird Dwg. Order 144015

**\* Head seams spot X-rayed Joint Eff. 85%**

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.C., Etc.—State Contents.  
 1 If postweld heat-treated.  
 2 List other internal or external pressures with coincident temperature when applicable.)

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels. **1965 Edition**

Date 9-2 19 66 Signed AMF BEAIRD, INC. By W.A. Thomas  
(Manufacturer)  
 Certificate of Authorization Expires December 31, 1967

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY AMF BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of N. B. and employed by THE COMMERCIAL UNION INSURANCE COMPANY of NEW YORK have inspected the pressure vessel described in this manufacturer's data report on 9-2 1966, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9-2 1966

F. A. Zonkel Inspectors Signature \_\_\_\_\_ Commissions N. B. COMM. 2660  
Natl' Board or State and No.