



ITEM	DESCRIPTION	PART NO.	QTY.	P.L.	MFR
1	START AIR ADMISSION VLV	SEE SPEC	4	441	-
2	START AIR STRAINER		2	441	-
3	FILTER, AIR DISTRIBUTOR		2	442	-
4	START AIR CHECK VALVE		2	441	-
5	BARRING DEVICE INTERLOCK		1	525	-
6	BARRING DEVICE LOCKOUT CYL		1	525	-
7	AIR SHUTOFF CYL		2	475	-
8	SHUTOFF CYL		1	413	-
9	ORIFICE .014	F-573-133	1	695	CALCON
10	3 WAY VALVE NO	F-573-132	1		HUMPHREY
11	3 WAY VALVE NO	F-573-123	1		
12	SHUTTLE VLV, QUICK VENT	F-573-126	1		
13	STOP RUN VALVE	F-573-212	1		CALCON
14	PRESS REGULATOR	F-579-013	1		NORGREN
15	TIMER NOT ELEMENT	F-573-207	1		ARO
16	MOUNTING BASE	F-573-091	1		ARO
17	TRIP LOW PRESS	F-573-156	5		CALCON
18	HIGH TEMP	F-573-359	1		
19	VIBRATION	F-573-171	4		
20	MAIN ERG TEMP	F-573-271	10		
21	HIGH TEMP	F-573-330	2		
22	VALVE OVERSPEED	F-153-009	1		AMOT

**DRAWING APPROVAL REQUIRED**

APPROVAL AND/OR CORRECTIONS MUST BE RECEIVED AT DELAY WITHIN 40 CALENDAR DAYS FROM DATE OF DRAWING TRANSMITTAL. PRODUCTION SCHEDULE AND COST INCREASES MAY APPLY. CONTRACT SCHEDULES AND PRICING IF SIGNED APPROVED AND/OR CORRECTED DRAWINGS ARE NOT RETURN WITHIN 40 CALENDAR DAYS.

PROJECT ENGINEER: *[Signature]*

**APPROVED**

This approval does not release the contractor from any part of his responsibility for the correctness of design, details and dimensions.

TENNESSEE VALLEY AUTHORITY  
Date: APR 7 1971  
MECH ENGR BAI, BY: D. R. PATTERSON  
Checked By: *[Signature]*

TVA MCP 1-037  
PROJECT: BELLEFOURTE 1 & 2  
CONTRACT NO: 2461-8018  
Title: *Pneumatic Schematic*  
Checked: *[Signature]*

1. MOUNTS INTO CRANKCASE USING 3/4" HYDRAULIC NIPPLE. CONNECT OIL DRAIN TO SUMP.
2. KEEP TUBES BETWEEN CYLINDERS ≠ FEED DEVICES SHORT.
3. ALL VENTS MUST FACE DOWN OR BE SPLASH SHIELDED.
4. THIS TUBE CONNECTS BETWEEN FUEL PUMP DISCH & DISCH CHECK VALVE.
5. SET, TEST & TAG ALL SAFETY SENSORS DURING SHOP TEST.
6. 1/4" O.D. TUBING IS RECOMMENDED FOR CONNECTION TO PANEL, EXCEPT AS SHOWN 3/8" ON THIS DWG.
7. TUBING IS SEAMLESS STL. 1/4" O.D. EXCEPT AS NOTED. FITTINGS ARE CAD-PLATED STL.
8. SYSTEM SHOWN SHUTDOWN & DEPRESSURIZED.
9. || DENOTES TUBE TERMINATION AT ENG TERMINAL RACK. IDENTIFY TERMINALS
10. CONTROL MEDIUM IS AIR.

**APERTURE CARD**

DELAVAL TURBINE INC.  
ENGINE AND COMPRESSOR DIVISION  
OAKLAND, CALIFORNIA 94612

**DELAVAL**

**ENGINE PNEUMATIC SCHEMATIC**

MATERIAL AND HARDNESS	APR. 1971	DWN. HANNETT	REV
SCALE		CKD. A. HANNETT	09-695-75080

TVA DSRV-16-4

Docket # 50-438  
Control # 82202064  
Data 82202 of Document  
REGULATORY DOCKET FILE

REMARKS  
CHK. DATE