

ERA13LA314

TEST SPECIFICATION

DATE: OCTOBER 18, 1989

PRECISION AIRMOTIVE CORPORATION - FUEL CONTROLS, EVERETT, WASHINGTON, U.S.A.

OPERATOR _____ MODEL: RSA-7AA1 SERIAL NO. _____ 30011-01
 DATE _____ PARTS LIST _____ PAGE 1 of 1

SERVICE FLOW LIMITS

PARTS LIST: 2524347 BASIC PARTS LIST: 2524525
 ENGINE MFG.: LYCOMING FUEL INLET PRESS: 24-26 PSI
 LIMITS BASED ON 0.734 SPECIFIC GRAVITY AT 75° F. +/- 5° F. (NAPHTHA)

TEST POINT NO.	1	2	3	4	5	6
METERING SUCTION (INCHES OF WATER)	0	0	9.2	15.3	18.5	22.8
CORRESPONDING AIR FLOW (LBS./HR.)	0	0	700	900	1000	1100
MIXTURE CONTROL POSITION	R	ICO	R	R	R	R
THROTTLE POSITION	WO	WO	WO	WO	WO	WO
BURETTE VOLUME (CC's)	100		500	500	500	500
TIME LIMIT (SECONDS)						
MIN	26.3	X	53.9	40.4	32.3	28.9
(OBS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MAX	32.2		61.0	44.8	36.0	32.3
FLOWMETER LIMITS (LBS/HR)						
MIN	18.0	0	48.0	65.0	80.9	90.3
OBS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MAX	23.0	5 CC	54.5	72.2	90.1	100.8
METERING HEAD - AVERAGE INCHES OF FUEL						
OBS	6.6	X	X	X	X	X
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

PRECISION AIRMOTIVE CORPORATION
 FUEL CONTROL
 MODEL RSA-7AA1 SERVO FUEL INJECTOR ASSEMBLY, P/N 2524347
 CALIBRATION AND SERVICE LIMITS

Service Flow Limits
 Figure 1302.

Channel 2

Data 1004