



FADEC WIRING HARNESS

AIRFRAME WIRING HARNESS

REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION
1.	PLUG 1 (OVERHEAD SWITCH PANEL)	27.	BOLT (GROUND)	53.	THROTTLE POSITION SENSOR 2 PLUG
2.	PLUG 2 (OVERHEAD SWITCH PANEL)	28.	WATER TEMP SENDER	54.	INJECTOR 3 PLUG
3.	PLUG 3 (INSTRUMENTS)	29.	FUEL PRESSURE REGULATOR	55.	INBOARD IGNITION SENSOR
4.	PLUG 4 (INSTRUMENTS)	30.	FUEL PUMPS	56.	OUTBOARD IGNITION SENSOR
5.	PLUG 5 (FADEC LIGHTS)	31.	BATTERY (GROUND)	57.	OUTBOARD IGNITION MODULE
6.	PLUG 6 (ROTOR TACH MAGNET BRACKET)	32.	BATTERY (GROUND)	58.	IGNITION MODULE BACKING PLATE
7.	PLUG 7 (ROTOR TACH MAGNET BRACKET)	33.	STARTER BUTTON	59.	BARO PRESSURE SENSOR 1
8.	PLUG 8 (FUEL PRESS. SENDER)	34.	INSTRUMENT PANEL	60.	BARO PRESSURE SENSOR 2
9.	PLUG 9 (FUEL SENDER)	35.	ECU TO MONITOR 9 PIN CABLE	61.	MANIFOLD PRESSURE SENSOR
10.	PLUG 10 (FUEL SENDER)	36.	ECU TRAY TOP PLATE	62.	FADEC WIRING HARNESS
11.	PLUG 11 (START BUTTON)	37.	STARTER RELAY	63.	ACIS STEPPER CONTROLLER PLUG
12.	PLUG 12 (FADEC HARNESS)	38.	STARTER	64.	
13.	PLUG 13 (FADEC HARNESS)	39.		65.	
14.	PLUG 14 (IGNITION SENDER)				
15.	PLUG 15 (IGNITION SENDER)				
16.	AIRFRAME WIRING HARNESS				
17.	FUEL PUMP INERTIA SWITCHES				
18.	ROTOR TACH MAGNET BRACKET				
19.	FUEL GAUGE SENDER				
20.	FUEL GAUGE SENDER				
21.	FUEL GAUGE SENDER				
22.	STARTER BUTTON				
23.	INSTRUMENT PANEL				
24.	ECU TO MONITOR 9 PIN CABLE				
25.	ECU TRAY TOP PLATE				
26.	STARTER				
27.	BOLT (GROUND)				
28.	WATER TEMP SENDER				
29.	FUEL PRESSURE REGULATOR				
30.	FUEL PUMPS				
31.	BATTERY (GROUND)				
32.	BATTERY (GROUND)				
33.	STARTER BUTTON				
34.	INSTRUMENT PANEL				
35.	ECU TO MONITOR 9 PIN CABLE				
36.	ECU TRAY TOP PLATE				
37.	STARTER RELAY				
38.	STARTER				
39.					
40.	PRIMARY ECU				
41.	SECONDARY ECU				
42.	PRIMARY P2 PLUG				
43.	SECONDARY P2 PLUG				
44.	INJECTOR 2 PLUG				
45.	WATER TEMP SENDER PLUG				
46.	PRIMARY AIR TEMP SENDER PLUG				
47.	THROTTLE POSITION SENSOR 1 PLUG				
48.	THROTTLE POSITION SENSOR 2 PLUG				
49.	INBOARD IGNITION SENSOR				
50.	OUTBOARD IGNITION SENSOR				
51.	IGNITION MODULE BACKING PLATE				
52.	BARO PRESSURE SENSOR 1				
53.	BARO PRESSURE SENSOR 2				
54.	MANIFOLD PRESSURE SENSOR				
55.	FADEC WIRING HARNESS				
56.	ACIS STEPPER CONTROLLER PLUG				

ROTORWAY INTERNATIONAL
 CHANDLER, ARIZONA
 SCALE: NONE APPROVED BY: [Signature]
 DATE: E-29-97 REVISED: 1-13-00
 EXEC 162F WIRING HARNESS
 DRAWING NUMBER: E35-2000-1