

ISN-13992

MAINTENANCE DATA RECORD				SYSTEM ELECTRICS		REF. NO. 11-E1525	
AVRO AIRCRAFT LTD. Engineering Div.							
DISTRIBUTION: STANDARD + S. Brown		A/C TYPE - Arrow 1 EFF. A/C - 25201		COMPONENT Fire Detector Loop Hydraulic Bay			
MANUFACTURER'S PART NO.				AVRO PART NO.			
MANUFACTURER'S NAME Walter Kidde				7-1150-5027 (8 off) 7-1150-5029 (1 off)			
AVROCAN SPEC. E420 E.O. NO.							
ENVELOPE SIZE		WEIGHT LB.		REF. DWGS.			
LOCATION Hydraulic Bay - Detector length 85 ft., assembled from nine lengths.				7-1100-3 sht 8			
FUNCTION To detect ambient temperatures in excess of 232°C (450°F) or localized heating in excess of 288°C (550°F)				REF. M.D.R.			
				RELIABILITY			
				OVERHAUL LIFE 1500 HRS.			
				WASTAGE			
				Q.T.R.			
INSPECTION PERIOD		OPERATION TO BE PERFORMED				MEN X MINUTES	
						EST. ACTUAL	
25 Hrs.		Check that the electrical connectors are securely and properly fitted throughout the length of the conduit. Check that the loop is fitted securely throughout its length, to the aircraft structure.				1 x 10	
ACCESSIBILITY							
Hydraulic Bay access doors.							
ISSUE	1						
DATE	17 July 57						
COMPILED	W02 Wentworth						
CHECKED	J. Ferguson						
APPROVED	R.F. Reid						

MAINTENANCE DATA RECORD				SYSTEM ELECTRICS (FIRE PROTECTION)	REF. NO. 11-E1526
AVRO AIRCRAFT LTD.		Engineering Div.			
DISTRIBUTION: STANDARD + S. Brown K. Knowlton		A/C TYPE - Arrow 1 EFF. A/C - 25001		COMPONENT Fire Detection Loop (Engine Zone #1)	
MANUFACTURER'S PART NO. MANUFACTURER'S NAME Walter Kidde AVROCAN SPEC. E420 E.O. NO. ENVELOPE SIZE 384.0" x 0.55" WEIGHT LB. LOCATION Engine zone #1 - Fwd. of firewall L and R				AVRO PART NO. 7-1195-29 - 3 off 7-1105-27 - 1 off	
FUNCTION To indicate a fire in zone 1 when the total temperature of a minimum length of 6.0 inches of the sensing elements exceeds 600°F but shall not indicate a fire with a total temperature of 500°F the normal ambient temperature will be 300°F				REF. DWGS. 7-1195-1 7-1100-2 sht 27 7-1100-3 wnt 8	
				REF. M.D.R. 23-3	
				RELIABILITY OVERHAUL LIFE 1500 HRS. WASTAGE Q.T.R. Pending	
INSPECTION PERIOD	OPERATION TO BE PERFORMED			MEN X MINUTES	
				EST.	ACTUAL
25 hr.	Check for security. Check for continuity. Check for correct resistance.			1 x 10	
ACCESSIBILITY					
With engine removed.					
ISSUE	1	2			
DATE	December 8/56	30 Sept 57			
COMPILED	W02 Wentworth	W02 Wentworth			
CHECKED	D. Collingwood	K.P. Lowe			
APPROVED	R.F. Reid	R.F. Reid			

MAINTENANCE DATA RECORD				SYSTEM ELECTRICS (FIRE PROTECTION)		REF. NO. 11-E1527 11-E1528	
AVRO AIRCRAFT LTD.		Engineering Div.					
DISTRIBUTION: STANDARD + S. Brown		A/C TYPE - Arrow 1 EFF. A/C - 25201		COMPONENT Engine Zone 2 Fire Detection Loop			
MANUFACTURER'S PART NO. 805267				AVRO PART NO. 7-1158-91 7-1158-87			
MANUFACTURER'S NAME Walter Kidde							
AVROCAN SPEC. E420 E.O. NO.							
ENVELOPE SIZE 336.0" x 0.55"				WEIGHT N/A		LB.	
LOCATION Engine Zone #2 - Aft of firewall L and R				REF. DWGS. 7-1158-7 7-1100-3 sht 8 7-1100-2 sht 27			
FUNCTION To indicate a fire in Zone No. 2 when the total temperature of a minimum length of 6.0 inches of the sensing element exceeds 710°F, but shall not indicate a fire with a total temp. of 585°F. The normal ambient temp. will be 300°F.				REF. M.D.R.			
				RELIABILITY			
				OVERHAUL LIFE 1500 HRS. WASTAGE Q.T.R. Pending			
INSPECTION PERIOD		OPERATION TO BE PERFORMED			MEN X MINUTES		
					EST.		ACTUAL
25 Hr.		Check for security. Check for continuity. Check for correct resistance.			1 x 10		
ACCESSIBILITY							
With engine removed.							
ISSUE	1	2	3				
DATE	December 10/56	March 18/57	30 Sept 57				
COMPILED	W02 Wentworth	D. Collingwood	W02 Wentworth				
CHECKED	D. Collingwood	W02 Wentworth	K.P. Lowe				
APPROVED	R.F. Reid	R.F. Reid	R.F. Reid				

LUBRICATION NIL

APPLICATION	MATERIAL	SPECIFICATION	FREQUENCY	ACCESS

DETAILS:

GROUND SUPPORT EQUIPMENT

SPECIAL TOOLS FOR AIRCRAFT USE	SPECIAL TOOLS FOR BENCH USE
NIL	NIL
GROUND TESTING EQUIPMENT	GROUND HANDLING EQUIPMENT
Multimeter	Maintenance Stand

INTERCHANGEABLE	XX	REMOVAL INSTRUCTIONS	MEN X MINUTES	
REPLACEABLE			EST.	ACTUAL

1. Disconnect cable clipping from faulty section.
2. Disconnect temperature sensing element.

Remove and Replace

1 x 15

