

GC X
Avro
CF105
AAMS-
105-1
App.1
Iss.1

AIRCRAFT EQUIPMENT LIST

Classification cancelled / changed to UNCLASS
By authority of APPENDIX I
Date TO 2 Sept 96
Signature MODEL SPECIFICATION
Unit / Rank / Appoint AAMS-105/1 ANRS

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ANALYZED

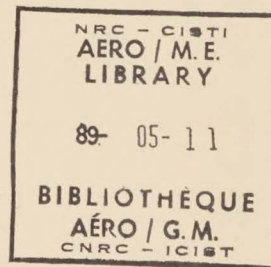
AAMS-105/1
FEBRUARY 1956
(Issue 1)

*Issue 2
Supersedes
Our Copy # 64*

APPENDIX I
TO
MODEL SPECIFICATION
FOR
SUPERSONIC ALL-WEATHER INTERCEPTOR AIRCRAFT
TYPE CF-105

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Classification cancelled / Changed to UNCLASS
By authority of AVRS
Date 27 Sept 86
Signature [Signature]
Unit / Rank / Appointment AVRS 5



Number of Pages 49
Copy Number 14
Assigned To R.C.A.F.

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INTRODUCTION

1. This Equipment List as defined below is issued to show the airborne equipment installed in the CF105 aircraft.

The list is divided into three parts:

- | | |
|--------------|---|
| Appendix 1-A | Government Furnished - Contractor Installed Equipment |
| Appendix 1-B | Government Furnished - Government Installed Equipment |
| Appendix 1-C | Contractor Furnished - Contractor Installed Equipment |

The equipment will be shown in three stages of progress, i.e.:-

- (a) When only the quantity and name of part are shown, it implies that no Engineering Instruction has been issued for the purpose of ordering the part.
 - (b) Where the part number has been added, instructions have been issued by the Engineering Department for the purchasing of this part.
 - (c) The specification number, when shown, indicates that the specification has received at least tentative approval by the R.C.A.F.
2. All items shown are effective for the first aircraft unless otherwise indicated.
 3. Amendments to this list will be periodically issued by the Model Specification Group.

ELECTRONICS (INTERIM SYSTEM)

FEBRUARY 1956

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>IFF AN/APX-6</u>				
1	Receiver - Transmitter	RT-82/APX-6 RCAF 10EA/29534	C-16R91 (AER)		
1	Control, Radar Set	C-629A/APX-6 RCAF 10EA/29535	C-16R91 (AER)		
1	Mounting Base	MT-362/A RCAF 10EA/29536	C-16R91 (AER)		
1	Switch - Impact	SA-3A/A RCAF 10EA/15682			
	<u>TACAN AN/ARN-21</u>				
1	Receiver - Transmitter	RT-220/ARN-21			
1	Mounting	MT-928/ARN-21			
1	Indicator, Range	ID-310/ARN	XEL-178		
1	Control, Radio Set	C-866/ARN-21			
1	Network, Phase Detecting	CV-279/ARN			
1	Indicator, Azimuth	ID-307/ARN	XEL-168(BUAER)		
1	Indicator, Cross Pointer	ID-249/ARN			

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MODEL SPECIFICATION
APPENDIX 1-A
GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

AAMS-105/1

ELECTRONICS (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Radio Compass AN/ARN-6</u>				
1	Receiver	R-101A/ARN-6 RCAF 10EU/28137			
1	Mounting, Receiver	MT-273B/ARN-6 RCAF 10EA/27485			
2	Indicator, Radio Magnetic	ID-250/ARN			
1	Loop Cable (6'-0" Long)	CG-132/ARN-6			
	<u>Direction Finder AN/ARA-25</u>				
1	Amplifier, Electronic Control	Production version of AN/ ARA-25 (XN-3) Nomenclature not yet assigned.			
1	Relay, Solenoid				
1	Antenna				
1	Mounting				
	<u>R-Theta</u>				
1	Integrator Relay Amplifier	Units to the Dims. of P.S.C.101-02623	INST-9-19		
1	G.S.I. Computer	P.S.C.101-02731	INST-9-21		
1	Rθ Computer	P.S.C.101-02730	INST-9-20		
1	Pilot's Repeater	P.S.C.101-02624	INST-9-22		

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MODEL SPECIFICATION
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GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
AAMS-105/1

ELECTRONICS (Cont'd)

FEBRUARY 1956

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>J-4 Compass</u>	Units to the Dims. of			
1	Directional Gyro	Kearfott 423040-2	MIL-C-8412		
1	Servo and Amplifier Assembly	Kearfott 423060-2	MIL-C-8412		
1	Controller	Kearfott 423050-2	MIL-C-8412		
1	Remote Compass Transmitter	USAF Type C-2	27635		
	<i>Cable to interconnect Amplifier to Remote Transmitter</i>	<i>Sperry P/N DC90448</i>			
	<u>U.H.F. Communication AN/ARC-34</u>				
1	Transmitter-Receiver	RT-263/ARC-34	MIL-R-7646C		
1	Mounting	MT-1099/U	MIL-R-7646C		
1	Control	C-1057/ARC-34	MIL-R-7646B		
	<u>Interphone AN/AIC-10</u>				
2	Control Panel	C-824/AIC-10	MIL-C-9306		
1	Relay Assembly	RE-94/AIC-10	MIL-R-9405		
1	Dynamotor	DY-77/AIC-10	MIL-D-9283		
1	Mounting - Dynamotor	MT-1060/U			

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MODEL SPECIFICATION
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GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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INSTRUMENTS

FEBRUARY 1956



MODEL SPECIFICATION
APPENDIX 1-A
GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Compass, Magnetic Standby	AN 5766 T4	MIL-C-5604		
1	Indicator, Airspeed (Mach)	USAF Type ME-4			
1	Indicator, Artificial Horizon	RCAF 6A/1282			
1	Indicator, Rate of Climb (0-6000 ft./min.)	Aviation Electric AE342-2-A			
1	Indicator, Turn and Bank	RCAF 6A/1299	INST-1-9		
1	Accelerometer	RCAF 6A/1107	MIL-A-5885A		
1	Indicator, Cabin Pressure	AERNO 60-603	MIL-I-5099A (AER)		
1	Altimeter (0-80,000 ft.)	AERNO 60-602	MIL-A-6863		
1	Clock (8 Day)	AN 5743L2	MIL-C-7939A		
	G.S.I. Computer				
	Rθ Computer				
	Rθ Repeater				
	Indicator, Radio-Magnetic	See Electronics			
	Indicator Cross Pointer				
	Indicator Azimuth				

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MODEL SPECIFICATION
APPENDIX 1-A
GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Regulator, Oxygen	High Alt. Type C4 RCAP 6D/713	INST-11-1		

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PROPULSION

FEBRUARY 1956



MODEL SPECIFICATION
APPENDIX 1-A
GOVERNMENT FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Engine, Gas Turbine c/w Afterburner	USAF YJ-75-P-3	2611 (P & W)		1st
2	Engine, Gas Turbine c/w Afterburner	USAF YJ-75-P-5	2605 (P & W)		2nd & Subs.

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AAMS-105/1
FEBRUARY 1956

APPENDIX 1-B

GOVERNMENT FURNISHED - GOVERNMENT INSTALLED EQUIPMENT

This list to be included upon receipt of information
from the R.C.A.F.

AIR CONDITIONING

FEBRUARY 1956



APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Heat Exchanger	Avro 7-2254-6			
1	Ground Connection 2.5"	Avro 7-2252-19			
1	Ground Connection 3.0"	Avro 7-2252-18			
1	Controller for Regulator	Avro 7-2252-24			
1	Turbine and Fan	Avro 7-2254-1			
	<u>Temp. Control System - Cockpit</u>				
1	Controller - Cabin Temp	Avro 7-2252-14	Avrocan E-265		
1	Switch Alt. Sensing	Avro 7-2252-15			
1	Rheostat Control	Avro 7-2252-151			
1	Valve - Air Control	Avro 7-2252-11			
2	Pick-up	Avro 7-2252-12			
	<u>Temp. Control System - Radar</u>				
1	Controller - Radar Temp.	Avro 7-2252-16	Avrocan E-264		
1	Pickup	Avro 7-2252-12			
1	Valve - Air Control	Avro 7-2252-11			

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AIR CONDITIONING (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appl- cable A/C
		Part No.	Spec. No.		
1	Regulator - Air Pressure (Cockpit)	Avro 7-2252-1			
1	Tank - Water Evaporator	Avro 7-2254-12			
1	Valve - Shut-Off 2.0" (Electric)	Avro 7-2252-22			
2	Valve - Pressure Reducing and Non-Return - 3.0"	Avro 7-2256-5			
1	Valve - Non-Return	Avro 7-2254-4			
1	Valve - Flow Augmentor	Avro 7-2254-3			
1	Valve - Safety Cabin Air Pressure	Avro 7-2252-21			
1	Valve - Shut-Off 3.5" (Electric)	Avro 7-2252-2			
2	Valve - Ram Air	Avro 7-2252-3			
1	Valve - Shut-Off	Avro 7-2252-201			

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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DE-ICING

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Airframe</u>				
1	Boot L.H.] Intake Ramp De-Icer	Avro 7-2055-11			
1	Boot R.H.] Boot No. 1	Avro 7-2055-12			
1	Boot L.H.] Intake Ramp De-Icer	Avro 7-2055-13			
1	Boot R.H.] Boot No. 2	Avro 7-2055-14			
1	Boot L.H.] Intake Lip De-Icer	Avro 7-2055-17			
1	Boot R.H.] Boot No. 3	Avro 7-2055-18			
1	Boot L.H.] Intake Lip De-Icer	Avro 7-2055-21			
1	Boot R.H.] Boot No. 4	Avro 7-2055-22			
1	Boot L.H.] Intake Lip De-Icer	Avro 7-2055-23			
1	Boot R.H.] Boot No. 5	Avro 7-2055-24			
1	Boot L.H.] Intake Lip De-Icer	Avro 7-2055-25			
1	Boot R.H.] Boot No. 6	Avro 7-2055-26			
1	Controller	Avro 7-2052-13			
1	Detector - Ice (Airframe)	Avro 7-2055-27	Avrocan E-213		
2	Control Box - Power Distributor	Avro 7-2052-12			

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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DE-ICING (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appl- cable A/C
		Part No.	Spec. No.		
24	Thermostat - Surface De-Icing 70°F	Avro 7-2052-11			
1	Control Box - Temperature				
	<u>Engine</u>				
2	Detector - Ice (Engine)	Avro 7-2055-27	Avrocan E-213		
	<u>Miscellaneous</u>				
1	Valve Shut-Off				
1	Filter - Fluid (Anti-Icing)				
1	Valve - Check	AN 6207-4			
1	Valve - Pressure Reducing				
1	Valve - Pressure Relief	Aero Supply 7-4557-14			
1	Valve - Three-Way Solenoid				
1	Box - Window Temp. Control				
1	Panel - L.H. Side Windscreen				
1	Panel - R.H. Side Windscreen				

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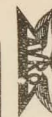
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CONTRACTOR FURNISHED EQUIPMENT

- CONTRACTOR INSTALLED

AAMS-105/1

ELECTRICAL

FEBRUARY 1956


 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
 AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Alternator 208/120V-20KVA	Avro 7-1125-11	Avrocan E-202		
1	Battery - Storage (Hermetically Sealed)	Avro 7 1152-11	Avrocan E-209		
1	Control Box - Cockpit Warning	Avro 7-1152-12	Avrocan E-376		
1	Flasher - Navigation Light	Avro CS-F-106	Avrocan E-224		
20	Indicator - Warning (C/P)	Avro 2CS-I-108	MIL-L-3661		
1	Indicator - Warning Dual	Avro 1CS-I-109	MIL-L-3661		
1	Indicator - Warning Dual	Avro 2CS-I-109	MIL-L-3661		
16	Indicator - Warning (Press to Test)	Avro 1CS-I-107	Avrocan E-318		
	Indicator - U/C (Refer to Instruments)				
2	Indicator - Light (Case Grounded)	Avro CS-L-132			
1	Lever Extension	Cutler-Hammer 24-1164-2			
1	Light - Red - Wing Tip	Avro 1CS-L-129	Avrocan E-229		
1	Light - Green - Wing Tip	Avro 2CS-L-129	Avrocan E-229		
1	Light - Red - Fin Tip	Avro 7-1183-11	Avrocan E-229		
1	Light - White - Fin Tip	Avro 7-1183-12	Avrocan E-229		

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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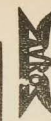
Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Relay 50A S.P.D.T. Class A	Avro CS-R-128	MIL-R-6106A		
	<u>De-Icing System</u>				
1	Relay - Time Delay	Avro 7-2051-11			
4	Relay - 3 P.S.T. - 25A Class B	MS 24143-1	MIL-R-6106		
4	Relay - 3 P.D.T. - 10A Class A	AN 3311-1	MIL-R-6106		
1	Transformer Rectifier (Control Unit)	Avro 7-1156-12	Avrocan E-202		
6	Transformer - Internal Light	Avro CS-T-134	Avrocan E-352		
1	Transformer - Primary 200/115V 3 Phase 200 Cycle - Secondary 115V	Avro 7-1152-31	Avrocan E-291		

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ELECTRONICS - INTERIM SYSTEM

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>X-Band Beacon RBX-1</u>				
1	Power Supply - Bendix Model RPX-1	Bendix 1080175			
1	Receiver Transmitter - Bendix Model RBX-1 Radar Beacon	Bendix 556725			
1	Waveguide Attenuator - X-Band	Avro 7-1362-21			
1	Waveguide Hydrid T Dummy Load and Tee Section	Avro 7-1362-25			
1	Waveguide Crystal Mount and Attenuator X-Band Beacon	Avro 7-1362-23			
1	Waveguide - Dorsal Assy. X-Band Beacon	Avro 7-1362-27			
1	Insulating Shim for X-Band Wave- guide	Avro 7-1362-29			
1	Pressurized Mica Window for X-Band Waveguide	Airtron 54500			

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ELECTRONICS - INTERIM (Cont'd)

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
 AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>X-Band Beacon RBX-1</u> (Cont'd)				
1	Antenna X-Band	Avro 7-1383-57			
	<u>Waveguide Assy. comprising:-</u>				
1	Waveguide - Upper Portion X-Band	Avro 7-1383-61			
1	Waveguide - Centre Portion X-Band	Avro 7-1383-63			
1	Waveguide - Lower Portion X-Band	Avro 7-1383-65			
2	Half Clamp for Waveguide	Avro 7-1383-75			
2	Half Clamp for Waveguide	Avro 7-1383-76			
8	Waveguide Seal Round High Temp.	Avro CS-G-109			
2	Waveguide - Seal Rectangular High Temperature	Avro CS-G-110			
1	Dehydrator	Avro 7-1362-45			
1	Valve - Check	J. Pond Clark 224A-4TT			
1	Valve - Charging	Avro CS-V-106			

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ELECTRONICS - INTERIM (Cont'd)

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>IFF AN/APX-6</u>				
1	Relay - Coaxial Transfer				
1	Indicator Light	Avro 2CS-L-115			
	<u>TACAN AN/ARN-21</u>				
1	Transformer - 115V. to 26V. CPS	Avro CS-T-154			
	<u>Low Frequency Radio Compass AN/ARN-6</u>				
2	Control Panel	Garrett C-1513	MIL-C-8425		
1	Amplifier Tuning Drive Unit	Garrett ED-400			
2	Matching Unit (For Radio Compass Sense Antenna Cable)				
1	Antenna Loop Magnetic	Bendix LPA-6A			

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ELECTRONICS - INTERIM (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Damping System</u>				
1	Amplifier (For Flight Control Fuel System)				
2	Accelerometer				
1	Beta Amplifier				
1	Gyro - Rate Roll				
1	Gyro - Rate Pitch				
2	Gyro - Rate Yaw				
1	Computer - Air Data				
1	Limiter - Side Slip				
1	Servo - Amplifier Unit				
	<u>U.H.F. Communication ARC/34</u>				
1	Antenna (Fin) U.H.F. - L-Band	Avro 7-1383/55			
1	Coaxial Switch S.P.D.T.	Transco Products SA-303/U			
1	Antenna (Lower) U.H.F.				
1	Indicator - Antenna	Avro CS-I-111-1			

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ELECTRONICS - INTERIM (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Miscellaneous</u>				
1	Radome - Nose				
1	Fin Cap Fairing				
1	Dorsal Fairing				
5	Coaxial Plug - Special Type "N"	Avro CS-C-161			
1	Coaxial Jack - Special Type "N"	Avro CS-C-160			
5	Coaxial Plug - Special Type "HN"	Avro CS-C-159			
1	Coaxial Jack - Special Type "HN"	Avro CS-C-158			
1	Motor Actuator	Avro 7-1354-12			
8	Relay - Four Pole Double Throw	Avro CS-R-131			
1	Switch D.P.D.T.	Cutler-Hammer 8834K4	MIL-S-6745		
2	Micro-Switch	Minn. Honeywell MS-24331			
1	Roller - Micro Switch	Minn. Honeywell X10808			
2	Jack, Coaxial, Special Type "HN"	Avro CS-C-168			

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ELECTRONICS - INTERIM (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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ENGINE INSTALLATION

FEBRUARY 1956


 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
 AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Drive - Constant Speed	Avro 7-2925-5			
1	Drive Shaft - Engine to Accessory Gear Box - L.H.	Avro 7-2958-7			
1	Drive Shaft - Engine to Accessory Gear Box - R.H.	Avro 7-2958-8			
2	Drive Shaft - Vertical	Avro 7-2958-9			
1	Gear Box - Accessory L.H.	Avro 7-2958-3			
1	Gear Box - Accessory R.H.	Avro 7-2958-4			
2	Gear Box - Engine Input	Avro 7-2925-3			
2	Gear Box - Engine Bevel	Avro 7-2925-4			
2	Gear Box - Accessory Input	Avro 7-2958-5			
1	Gear Box - Fuel Booster Pump L.H.	Avro 7-2958-13			
1	Gear Box - Fuel Booster Pump R.H.	Avro 7-2958-14			
2	Gear Box - Top Corner	Avro 7-2958-6			
2	Gear Box - Transmission Fuel Pump	Avro 7-2958-11			
2	Heat Exchanger (Air to Oil) Accessory Gear Box Oil				

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ENGINE INSTALLATION (Cont'd)

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Heat Exchanger (Engine Oil) Air to Oil				
2	Heat Exchanger (Hyd. F/C) Air to Oil				
2	Starter - Pneumatic	Avro 7-2925-6	Avrocan E-378		
2	Switch - Oil Pressure				
2	Valve - Pressure Oil Filler and Drain				
2	Valve - Motorized - Zone I Ejector				
2	Couplings - Oil - Quick Detachable 1/2"				
2	Couplings - Oil - Quick Detachable 5/8"				
4	Couplings - Oil - Quick Detachable 3/4"				
8	Blankets - Insulating				
2	Indicator - Exhaust Gas Temp. System	See Instrument Section			
2	Indicator - Pressure Ratio	See Instrument Section			
2	Switch - Pressure - Fuel				

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ENGINE INSTALLATION (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED.

AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Filter - Gear Box - Oil System				
2	Tank - De-Aerator				

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FIRE PROTECTION

FEBRUARY 1956



APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Bottle - Extinguisher				
6	Valve, Discharge				
3	Valve, Shuttle				

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FUEL SYSTEM

FEBRUARY 1956



APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
AAMS-105/1

Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Adapter - Pressure Fuel Servicing	Avro 7-1662-447			
2	Cap - Pressure Fuel Servicing	Avro 7-1662-471			
25	Coupling - Flexible Fuel	Avro 20 CS-C-140			
57	Coupling - Flexible Fuel	Avro 24 CS-C-140			
10	Coupling - Flexible Fuel	Avro 28 CS-C-140			
22	Coupling - Flexible Fuel	Avro 32 CS-C-140			
10	Coupling - Flexible Fuel	Avro 40 CS-C-140			
18	Coupling - Flexible Fuel	Avro 48 CS-C-140			
4	Coupling - Flexible Fuel	Avro 64 CS-C-140			
2	Drain - Condensate - Tank 1 & 2	Avro 7-1656-8			
2	Drain - Condensate - Tank 3	Avro 7-1662-183			
2	Drain - Condensate - Tank 4	Avro 7-1662-189			
2	Drain - Condensate - Tank 5	Avro 7-1662-185			
6	Drain - Condensate - Tank 6, 7 & 8	Avro 7-1662-12			
1	Fuel - Cell No. 1 (Forwd. Fuselage)	Avro 7-1754-5			
1	Fuel - Cell No. 2 (Aft Fuselage)	Avro 7-1754-6			

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FUEL SYSTEM (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Filter - Hot Air	Avro 7-1654-7			
1	Limiter - Air Flow	Avro 7-1654-4			
2	Limiter - Air Flow	Avro 7-1656-10			
2	Limiter - Air Flow	Avro 7-1662-8			
2	Pump - Booster				
4	Valve - Fuel Shut-Off 28V D.C.	Avro 7-1600-21			
2	Valve - Flow Proportioning Transfer (5 way)				
1	Valve - Flow Proportioning Engine Feed				
22	Valve - Fuel No Air	Avro 7-1600-45			
2	Valve - Air Pressure Regulator (Absolute Ref.)	Avro 7-1600-20			
1	Valve - Air Pressure Regulator (Differential Ref.)	Avro 7-1600-8			
14	Valve - Level Sensing (Pressure Fuel Servicing)	Avro 7-1600-12	Avrocan E-337		
1	Valve - Air Pressure Relief (Differential Ref.)	Avro 7-1656-5			

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FUEL SYSTEM (Cont'd)

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Valve - Negative "G" and Low Air Admission	Avro 7-1662-7			
4	Valve - Air Release	Avro 7-1600-19			
2	Valve - Air Pressure Relief (Absolute Ref.)	Avro 7-1656-4			
	Valve - Element - Non-Return				
2	Valve - Shut-Off (Pressure Fuel Servicing Collector Tank)	Avro 7-1600-37			
12	Valve - Shut-Off (Pressure Fuel Servicing)	Avro 7-1600-11			
4	Valve - Air No. Fuel (Upper)				
2	Valve - Air No Fuel (Lower)				
2	Valve - Fuel Shut-Off 2½" Dia. (28 Volt)				
	Coupling - Flexible Fuel ¾" Bulkhead Type				
	Coupling - Flexible Fuel 1" Bulkhead Type				
	Coupling - Flexible Fuel 1½" Bulkhead Type				

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FUEL SYSTEM (Cont'd)

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CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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FLYING CONTROLS

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Elevator</u>				
1	Feel Unit - Artificial				
1	Jack and Linkage L.H.	Avro 7-3262-15			
1	Jack and Linkage R.H.	Avro 7-3262-18			
1	Regulator - Quadrant Tension	Avro 7-1552-165			
2	Servo - Differential	Avro 7-3260-11			
1	Servo - Parallel				
1	Stick - Force Transducer				
1	Trim Brake Unit				
2	Valves - Control	Avro 7-3262-33			
	<u>Aileron</u>				
1	Feel Unit - Artificial				
1	Jack and Linkage L.H.	Avro 7-3264-23			
1	Jack and Linkage R.H.	Avro 7-3264-24			
1	Regulator - Quadrant Tension	Avro 7-1552-165			

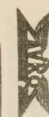
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CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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FLYING CONTROLS (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Aileron</u> (Cont'd)				
2	Regulator - Tension Wing Cable System	Avro 7-1562-51			
1	Stick - Force Transducer				
2	Servo - Differential	Avro 7-3260-11			
1	Servo - Parallel				
1	Trim Brake Unit				
2	Valve - Control	Avro 7-3264-12			
2	Cable Guard	Avro 7-1552-139			
	<u>Rudder</u>				
1	Actuator - Peel				
1	Actuator - Trim				
1	Jack and Linkage	Avro 7-3283-5			
1	Regulator - Quadrant Tension	Avro 7-1552-165			
1	Servo - Differential	Avro 7-3283-7			
1	Switch - Force				

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FLYING CONTROLS (Cont'd)

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CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Rudder</u> (Cont'd)				
1	Valve - Control	Avro 7-3283-8			
2	Cable Guard	Avro 7-1552-139			
	<u>Engine Controls</u>				
2	Tension Regulator Cable	Avro 7-1462-21			
1	Throttle Box	Avro 7-1452-66			
	<u>Miscellaneous</u>				
1	Grip-Stick - B-8A	Avro 7-1552-143			

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FURNISHINGS

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APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Seat - Ejection				
2	Gun - Ejection				
2	Cartridge - Primary				
4	Cartridge - Auxiliary				
2	Cartridge - Drogue				

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HYDRAULICS - UTILITY ITEMS

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Power Circuit</u>				
1	Accumulator - Floating Piston (200 cu. in.)	Avro 7-1958-12			
1	Coupling Half - Hyd. Self Sealing (1000 P.S.I.)				
1	Cap - Self Sealing Coupling (1000 P.S.I.)				
2	Coupling - Half Pump Suction	Avro 7-3258-47			
1	Compensator				
2	Coupling - Half Pump Suction	Avro 7-3258-45			
2	Filter - 40 G.P.M.	Avro 7-1956-23			
1	Gauge - Bleed Drain Sight	Avro CS-G-108	Avrocan E-247		
3	Manifold H/P	Avro 7-3258-16			
2	Pump - Variable Delivery				
1	Valve - Pressure Control	Avro 7-1958-14			
1	Valve - Air Charging and Gauge	Avro CS-V-104			
1	Valve - Controllable Check	Avro 7-1994-12			
1	Switch - Pressure Warning Type I	Avro 7-3258-35			

APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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HYDRAULICS - UTILITY ITEMS (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Power Circuit (Cont'd)</u>				
1	Switch - Pressure Warning Type II	Avro 7-1958-17			
1	Coupling Half Fixed 3/4" 400 P.S.I.				
1	Cap - Self-Sealing Coupling 3/4" 4000 P.S.I.				
1	Coupling - Half Fixed 1" 500 P.S.I.				
	Cap - Self Sealing Coupling 1" 500 P.S.I.				
	<u>Hydraulic Landing Gear</u>				
2	Coupling - Spherical - Expansion M/G Jack				
2	Coupling - Spherical - Expansion M/G Jack				
2	Fitting - Swivel - N/G Door Jack	Avro 7-1952-25			
2	Fitting - Swivel - N/G Jack	Avro 7-1952-22			
1	Jack - M/G Operating L.H.	Avro 7-1962-17			
1	Jack - M/G Operating R.H.	Avro 7-1962-18			

APPENDIX 1-G
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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HYDRAULICS - UTILITY ITEMS (Cont'd)

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Emergency Air Pressure</u>				
1	Bottle - Air Storage (5000 P.S.I.)	Avro 7-1952-14			
1	Valve - Air Charging and Gauge	Avro CS-V-104			
1	Valve - Air Pressure Relief	Avro 7-1952-31			
1	Valve - Shut-Off	Avro 7-1952-13			
	<u>Nose Wheel Steering</u>				
2	Elbow - Swivel	Avro 7-1952-29			
1	Valve - Solenoid Selector	Avro 7-1952-23			
1	Filter - In Line Type H/P 4 G.P.M.				
	<u>Wheel Brakes</u>				
4	Detector - Anti-Skid				
2	Valve - Anti-Skid - Pressure Control				
2	Valve - Brake Control	Avro 7-1954-11			

APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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HYDRAULICS - UTILITY ITEMS (Cont'd)

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 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Speed Brake Sub-System</u>				
2	Jack - Speed Brake	Avro 7-1956-7			
4	Coupling - Expansion 3/8" O/D Tube Size 4000 P.S.I.	Avro 7-1956-35			
4	Swivel Joint - Universal for 3/8" Diameter Tubing	Avro 7-1956-31			
4	Swivel Joint - Universal for 3/8" Diameter Tubing	Avro 7-1956-33			
1	Valve - Check				
1	Valve - Speed Brake Selector	Avro 7-1956-13			

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HYDRAULICS - FLYING CONTROL

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
	<u>Hydraulic Flying Control Items</u>				
2	Accumulator - Self Displacing (100 cu. in.)	Avro 7-3258-41			
2	Cap - Self Sealing Coupling (1000 P.S.I.)				
2	Coupling Half - Hyd. Self Sealing (1000 P.S.I.)				
4	Coupling Expansion 5/8" Tube Size	Avro 7-3262-14			
4	Coupling Expansion 1/2" Tube Size	Avro 7-3262-16			
2	Compensator - 475 cu. in. (90 P.S.I.)	Avro 7-3258-37			
4	Coupling Half - Pump Suction	Avro 7-3258-47			
4	Coupling Half - Pump Suction	Avro 7-3258-45			
2	Filter H/P 40 G.P.M. Bowl Type	Avro 7-3258-43			
4	Filter 7 G.P.M. (Aileron)	Avro 7-3264-14			
2	Filter 4 G.P.M.	Avro 7-3283-9			
6	Filter Element 40 G.P.M. 4000 P.S.I.	Avro 7-3258-25			
2	Gauge - Bleed Sight Drain	Avro CS-G-108			

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 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED
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HYDRAULICS - FLYING CONTROL

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Heat Exchanger Hyd. Fluid to Fuel C/W By-Pass Valves				
2	Manifold H/P. Pump Delivery	Avro 7-3258-16			
4	Pump - Variable Delivery	Avro 7-3258-13			
2	Valve - Pressure Control	Avro 7-3258-14			
2	Valve - Check				
2	Valve - Air Charging and Gauge	Avro CS-V-104			
2	Switch - Pressure Warning Type I	Avro 7-3258-35			
1	Valve - Sump Drain	Avro 7-3258-24			
1	Gauge - Reduced Press.				
2	Valve - Check				
1	Heat Exchange Oil-Air				

APPENDIX 1-C
CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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INSTRUMENTS

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Boom - Pitot Static				
	<u>Fuel Quantity System</u>				
38	Tank Units	[Avro 7-1654/ --- Avro 7-1662/ ---			
2	Indicator	Avro 7-1252-14			
1	Pressure Head - Pitot Static				
2	Indicator - Turbine Pressure Ratio				
2	Indicator - Temp. (Turbine Outlet)				
1	Indicator - Skin Temp.				
	Unit - Skin Temp. Sensing				
	Indicator (Antenna in Use)	See Electronics			
3	Indicator - Landing Gear	AN 5839-1	MIL-I-6839		
	<u>Oxygen Quantity System</u>				
1	Indicator	Avro 7-2152-12			
1	Transmitter	Avro 7-2154-16			
2	Gauge - Oxygen Pressure	Avro 7-2152-13	MIL-G-6019A Type II		
2	Gauge - Emergency Oxygen Pressure	Type L-2	MIL-G-7601A		

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LANDING GEAR

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
4	Brake - Main	Avro 7-1092-15			
1	Landing Gear - Main L.H.	Dowty			
1	Landing Gear - Main R.H.	Dowty			
1	Landing Gear - Nose	Avro 7-4291-1			
1	Liquid Spring	Avro 7-4291-2			
4	Tire - Tubeless - Main	Avro 7-1092-13			
	Alternative:				
4	Tire - Main]	Goodyear			
4	Tube - Main]				
2	Tire - Nose - Tubeless	Avro 7-4291-4			
4	Wheel - Main	Avro 7-1092-13			
2	Wheel - Nose	Avro 7-4291-4			
	<u>Para-Brake</u>				
1	Parachute - Drag Fist Type				
1	Strap and Shackles				
1	Cable Tension Regulator				

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CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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 APPENDIX 1-C
 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt. In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
2	Bottle - Emergency	AN 6025 AX 53	MIL-C-7905A		
1	Converter - 5 litres	Avro 7-2154-14			
1	Tray - Mounting	Avro 7-2154-15			
2	Disconnect - Composite Leads	Avro 7-2152-11/2			
2	Valve - Auto and Manual Trip				
2	Valve - H/P Check	AN 6017-1	MIL-V-5027A		
2	Valve - Oxygen Starting	Avro 7-2152-37			

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PNEUMATICS - LOW PRESSURE

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 CONTRACTOR FURNISHED EQUIPMENT - CONTRACTOR INSTALLED

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Qty Per A/C	Description	Identification		Unit Wt.In Lbs	Appli- cable A/C
		Part No.	Spec. No.		
1	Filter - Hot Air	Avro 7-1852-13			
1	Seal - Canopy Inflating L.H. Pilot's	Avro 7-1053-101	Avrocan E-343		
1	Seal - Canopy Inflating R.H. Pilot's	Avro 7-1053-102	Avrocan E-343		
1	Seal - Canopy Inflating L.H. Navigator's	Avro 7-1053-121	Avrocan E-343		
1	Seal - Canopy Inflating R.H. Navigator's	Avro 7-1053-122	Avrocan E-343		
2	Valve - Anti "G"	Avro 7-1852-12	MIL-V-9370		
1	Valve - Canopy Seal Control	Avro 7-1852-14	Avrocan E-332		

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