

QCX
Avro
CF105
72-STDS-
2 ISSUE 1

ANALYZED

Report Number 72/STDS/2 ISSUE 1

AVRO AIRCRAFT LIMITED
ENGINEERING DIVISION
STANDARDS DEPARTMENT

TITLE:

MATERIALS - PROPRIETARY

LIST OF

ARROW 2

NRC - CISTI
J. H. PARKIN
BRANCH

JUN 8 1995

ANNEXE
J. H. PARKIN
CNRC - ICIST

Compiled By D.L.

Approved By DR Crossin

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ARROW 2

This report lists materials that are called up on Arrow 2 drawings by their commercial designations.

In some instances the materials, which are called up by commercial designations now meet specifications which have been issued since release of the drawings or have some other form of approval. All available specifications or approvals that we know to exist at the date of issue of this document are listed.

The materials shown have, in many cases, a range of thickness or sizes all of which may or may not be called up. Only basic materials and/or numbers are shown.

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ARROW 2

<u>Materials</u>	<u>Vendor</u>	<u>Number</u>	<u>Spec</u>	<u>Approval</u>
Adhesive	Shell Oil Company	Epon VI	*	PS 32
&				
Cement	Dominion Anilines and Chemical	Penacolite G-1124A	*	PS 32
	Dominion Rubber Company Limited	DR-54029		
	A.A. Andersen Company Limited (Sauereisen Cements Co.)	#31 Sauereisen	*	Avro Met. Dept. Report M4951 & PS 61
	Minnesota Mining and Manufacturing of Canada Limited	EC1291 EC1293 EC1300L	M-14-2 M-14-2 *	} Avro Met. Dept. Report M3414 PS 81
	Dow Corning Silicones Limited	6-127 Silastic 6-128 Silastic A4000 Silastic A4014	* * * *	PS 32 PS 32 PS 32
Cable - Flexible	J.A. Roebling's Sons Company, Division Colorado Fuel and Iron Corporation	1/16 dia. 6 X 7 cotton core preformed galvanized aircord		
Compound for Sealing or Filling	Dow Corning Silicones Limited	C-271		PS 32
	Products Research Company	PR 1421A PR 1421B	M-14-2 M-14-3	} E. I. Gen 644 issued by Avro Met. Dept.
	Coast Pro Seal & Manufacturing Company	#700		PS 54
	Shell Oil Company	Epon 828	MIL-C-16923	QPL-16923 PS61 & PS 66

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<u>Materials</u>	<u>Vendor</u>	<u>Number</u>	<u>Spec</u>	<u>Approval</u>
Cord Lacing Terylene	Peters Braid & Bedding Corticille	DC903		PS 77
Conduit	Bowden Engineers Limited	T2H		
Gasket Material	Bestobell (Canada) Limited	Bestobell J80	BS1832/1952 Grade H	
Insulating Blankets	H.I. Thompson Company	3/8 FB-1 Refrasil 1" thick #132003		
Laminated Tube	Continental Diamond Fibre of Canada Limited	Phenolic Rod	LL-31 Type 2 Grade C	
	Laminex Industries Incorporated	(Wall & OD) Laminex Tuff Tube	M-11-27	
Nylon Strip (Caterpillar Grommet)	Nylon Molding Corporation	NMC-G-51HA	MIL-P- 17091 Type 2	
Potting Compound	Products Research Company	PR1402	M-11-24	
Primer	Dow Corning Silicones Limited	#796	*	
Rubber - foam	Armet Industries - or Dominion Rubber	#250 Dow Silastic Sheet		
Rubber & Asbestos	Bestobell (Canada) Limited	R103 Bellprene Sheet BAS-29 Type J-29 Tape	M-16-5 M-16-5	
Rubber Silicone	Bakelite Company	Union Carbide K1034R Sheet**	AMS3301B	
Silicone Based Fluid	Dowty Equipment of Canada Limited	Dowcan D200		

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Sheet 4

<u>Materials</u>	<u>Vendor</u>	<u>Number</u>	<u>Spec</u>	<u>Approval</u>
Steel Mesh	Greening Wire Company	.023" X 7 X 7	RR-C-440 Type 1 Class 1	
Teflon	Crane Packing Company Limited Chantler & Chantler Limited Garloc Packing Company	Teflon Sheet	AMS3651	
Tubing Flexible	United Flexible Metallic Tubing (Canada) Limited	F400		
Welding Rod	Firth Brown Steels	ARMCO 17-7PH	AMS5673	

*An Avrocan Material Specification is being written.

**This proprietary material has been specified because we needed a material with specific requirements which exceed the requirements of AMS 3301B.

