

WMT  
 Welbhoff Maintenance Technik AG  
 Richthofenstrasse 140  
 D-53757 Sankt Augustin

**Qualitätsmanagement- Handbuch**  
**Anhang zu Teil 1**  
**Capability List EASA Part 21**  
**Aufstellung der genehmigten Herstellerarbeiten**

QMH Teil 1  
 Anhang B  
 Rev.03.1  
 Stand 03/16

Bauteilbezeichnung Description	Hersteller Manufacturer / Design Holder	Scope	Baureihen und Serien Series				Bemerkungen Remarks
			Hose Assembly (Cat. Designation)	TSO	Type	Size	
Schlauchleitungen (1) Hose Assemblies (1)	Stratoflex Parker Hannifin Corporation	C2	101(XXX)	C140	IaB	all	TSO 140is a FAA TSO standard
			111(XXX)	C553a	A	3-32	
				C75	I-A-P	3-24	250° F Limit
			111F(XXX)	C553a	C	3-32	
				C75	I-A-P-F	3-24	250° F Limit
			112(XXX)	C553a	I-B-P	4-16	
				C75	I-B-P		
			112F(XXX)	C75	I-B-P	4-16	
				124(XXX)	C553a	B	3-24
			C75		III-A-S/P	3-24	
			124H(XXX)	C553a	D	3-16	Inactive for new design, see 124J
				C75	III-A-S/P-F	3-16	
			124F(XXX)	C553a	D	3-24	
				C75		3-24	
			124J(XXX)	C553a	D	3-24	
				C75	III-A-S/P-F	3-24	
			130(XXX)	C53	A	4-12	
			130F(XXX)	C53	C	4-12	
			156(XXX)	C53a	A	3-32	176 Designation, inactive for new design Same approvals apply
				C75	I/II-A_S/P	3-24	
156F(XXX)	C53a	C	3-32	176 Designation, inactive for new design			
	C75	I/II-A-S/P	4-24				
156H(XXX)	C53a	C	3-20	176 Designation, inactive for new design Same approvals apply			
	C75	I/II-A-S/P	3-20				
170(XXX)	C53a	B	4-16				
	C75	III-B-S/P	4-16				
170F(XXX)	C53a	D	4-16				
	C75	III-B-S/P-F	4-16				
170H(XXX)	C75	III-B-S/P-F	4-16				
170J(XXX)	C75	III-B-S/P-F	10-16				

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Bauteilbezeichnung Description	Hersteller Manufacturer / Design Holder	Scope	Baureihen und Serien Series				Bemerkungen Remarks
			Hose Assembly (Cat. Designation)	TSO	Type	Size	
			171(XXX)	C75	III-B-S/P	4-12	
			171F(XXX)	C75	III-B-S/P-F	4-12	
			171H(XXX)	C75	III-B-S/P-F	4-10	Inactive for new design, see 171J preferred
			171J(XXX)	C75	III-B-S/P-F	4-12	
			191(XXX)	C75	III-B-S/P-F -F	-4, -6 -8	
			193(XXX)	-	-	2-10	Hose meets or exceeds the requirements of MIL-H-5593
			3164(XXX)	C75	III-B-S/P-F	4-10	
			3175(XXX)	-	-	-3, -4 -6, -8	Tested per AS2078
Andere Schlauchleitungen als nach Stratoflex Unterlagen gemäß DO-PO Vereinbarung mit Zellen- oder Motorenhersteller Other Hose Assemblies as per Stratoflex documents according to DO-PO agreements with owner of engine or aircraft design approvals.							
Schlauchleitungen (1) Hose Assemblies (1)	AQUILA Aviation International GmbH  DO-PO Agreement from 29.04.2016	C2	AT01-7000-0xx	n/a	n/a	n/a	Oil hoses for cooling system defined in DW and PL
			AT01-7030-0xx	n/a	n/a	n/a	Oil hoses for pressure measurement defined in DW and PL
			AT01-8010-0xx	n/a	n/a	n/a	Fuel hoses for feed lines defined in DW and PL
			AT01-8020-0xx	n/a	n/a	n/a	Fuel hoses for fuel return lines defined in DW and PL
			AT01-4520-xxx	n/a	n/a	n/a	Adapters and fittings for hydraulic and pneumatic systems in general defined in DW and PL
	Extra Flugzeugproduktions und Vertriebs GmbH  DO-PO Agreement vom 21.09.2015	C2	EA-64203.20	n/a	n/a	n/a	Floptube Acrotank
			EA-64203.90	n/a	n/a	n/a	Floptube smoke tank

## Explanation of terms

(XXX) behind hose assembly type number = substitute the respective configuration of hose assembly (for example 001 for straight to straight)

The code numbers to the configuration are given in the respective drawings or catalogues

Column TSO = Technical Standard Order which describes the specification to design the hose assemblies (TSO 53a for Fuel and Oil hose assemblies, TSO 75 for Hydraulic hose assemblies)

Column Type = Letters which describes the properties of the hose assemblies The meaning of the letters is described in the respective TSO

Scope = From EASA in GM 21 A 151 given designation for scope of work (for example, A1 for large Aeroplanes, B2 for Piston engines and C2 for Parts)

(1) = without oxygen hose assemblies

## Explanation of abbreviation for hose assembly types regarding to applicable TSO (used in column type)

### For TSO C53a (Standard for fuel and oil hose assemblies)

Type A = Rubber hose assemblies (compliant with Mil-H-8795A-3.3 Performance)

Type B = PTFE hose assemblies (compliant with Mil-H-25579A-3.6 Performance)

Type C = Rubber hose assemblies with fire protection

Type D = PTFE hose assemblies with fire protection

### For TSO C75 (Standard for hydraulic hose assemblies)

The first 2 letters

I-A = Medium pressure hose assemblies for maximum temperature of 160°F (71°C)

I-B = High pressure hose assemblies for a maximum temperature of 160°F (71°C)

II-A = Medium pressure hose assemblies for maximum temperature of 275°F (135°C)

II-B = High pressure hose assemblies for maximum temperature of 275°F (135°C)

III-A = Medium pressure hose assemblies for maximum temperature of 400°F (204°C)

III-B = High pressure hose assemblies for maximum temperature of 400°F (204°C)

The third and fourth letters

S = The hose assembly is suitable for use with synthetic base fluids

P = The hose assembly is suitable for use with petroleum base fluids

S/P = The hose assembly is suitable for use with both

The last letter

F = fire protected