


1. Approving Civil Aviation Authority/Country: FAA / United States		2. <h2 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h2> <p style="text-align: center;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>			3. Form Tracking Number:  16548	
4. Organization Name and Address: Qualified Technologies Corporation, 2133 Aviation Drive, Upland, CA. 91786 (Q2TR970X)					5. Work Order/Contract/Invoice Number:  RO1181	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	BYPASS VALVE	129-380001-13	1	QTC-26003	Overhauled	
12. Remarks:						
<p>Alternate Part Number: 51E07-4  This Temp Control and Shutoff Valve was Inspected, Overhauled, Tested, and Accepted IAW RS QTC-2018-006 Rev. 1 dated 05/26/2020.</p> <p>Pertinent details of the work performed are on file at this Repair Station  TSN: Unk TSR: 0.00 TSO: 0.00</p> <p><u>Note: For Dual Certification Release</u>; this certifies that the work specified in Block 11 / 12 was carried out in accordance with EASA Part-145, and in respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5940</p>						
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in block 12.			
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
N/A		N/A			Q2TR970X	
13d. Name (Typed or Printed):		13e. Date (m/d/y):	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
N/A		N/A	Avery D Enriquez		19 MAY 2026	
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

Created by: JP  
 Date: 5/19/2026



## QTC Teardown/ Shop Findings Report

Customer:	AVENG AERO	Sales Order: 16548					
Cust. RO:	RO1181						
	TSN:	TSR:	TSO:				
Part No	129-380001-13	Unk	0.00	0.00	Serial:	QTC-26003	
	BYPASS VALVE						
Removal Date:	Unk	Tail no:	Unk	ESN:	Unk	Position:	Unk

### Work Scope

Reason for Removal: INSPECT FOR OVERHAUL / REQUIRES SN#

Work Instructions: Overhaul

**Shop Findings Summary:**

Alternate Part Number: 51E07-4

As received visual inspection finds unit is dirty, corroded and with minor surface wear.  
 Unit is missing OEM data tag  
 Unit was as received tested and failed to fully open during functional test.  
 Unit was disassembled, cleaned and inspected.  
 Inspection found bearings, diaphragm gasket and packings are worn.  
 Unit was assigned serial number "QTC-26003".  
 Unit was reassembled with new parts kit.  
 Valve was tested; passed all final tests.

This Temp Control and Shutoff Valve was Inspected, Overhauled, Tested, and Accepted IAW RS QTC-2018-006 Rev. 1 dated 05/26/2020.

Mechanic Sign or Stamp: MECH  
21 Date: 5/19/2026

Document Review: Accept? **Yes** Fail? **No**

Inspection Sign or Stamp: INSP  
36 Date: 5/19/2026