



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

PMA Design and Manufacturing  
8493 Baymeadows Way  
Jacksonville, FL 32256  
(904) 292-2329

PMA No.: PQ1570CE  
Supplement No.: 148  
Date: June 24, 2019

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCU Eligibility	Model/Series Eligibility
End Cap	PDM71-114-1	71-114-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-114-1 <u>Rev:</u> Original <u>Date:</u> 02/23/2011 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
GT Ring	PDM7336MTE-987-4780	7336MTE-987-4780	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM7336MTE-987-4780 <u>Rev:</u> C <u>Date:</u> 10/09/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
AGI Ring	PDM7331FTE-987-4780	7331FTE-987-4780	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM7331FTE-987-4780 <u>Rev:</u> C <u>Date:</u> 10/09/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Floating Piston	PDM71-332-1	71-332-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-332-1 <u>Rev:</u> B <u>Date:</u> 08/14/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bumper	PDMJ-12866-3 (PDM71-129-9)	J-12866-3 Lord (71-129-9) Heroux	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDMJ-12866-3 (PDM71-129-9) <u>Rev:</u> D <u>Date:</u> 05/25/2017 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Piston Tube	PDM71-141-9	71-141-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-141-9 <u>Rev:</u> J <u>Date:</u> 01/16/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cylinder	PDM71-111-15	71-111-15	Test and Computations per 14 CFR 21.303 DWG No: PDM71-111-15 Rev: J Date: 05/19/2017 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Swivel Fitting Assembly	PDM71-184-1	71-184-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-184-1 Rev: B Date: 11/05/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Swivel Adapter	PDM71-180-1	71-180-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-180-1 Rev: B Date: 01/11/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Swivel Fitting	PDM71-183-1	71-183-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-183-1 Rev: A Date: 01/11/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Collar	PDM2107-1	2107-1	Test and Computations per 14 CFR 21.303 DWG No: PDM2107-1 Rev: Original Date: 12/09/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/FAA Eligibility	Model/Series Eligibility
Cable Guard Assembly	PDM71-196-1	71-196-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-196-1 <u>Rev:</u> Original <u>Date:</u> 09/21/2009 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Cable Guard Half	PDM71-196-11	71-196-11	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-196-11 <u>Rev:</u> A <u>Date:</u> 08/08/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Cable Guard Pin	PDM71-196-13	71-196-13	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-196-13 <u>Rev:</u> Original <u>Date:</u> 09/21/2009 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Pulley	PDM71-191-1	71-191-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-191-1 <u>Rev:</u> G <u>Date:</u> 12/17/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Pivot	PDM71-194-1	71-194-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-194-1 <u>Rev:</u> B <u>Date:</u> 09/02/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Washer	PDM71-125-1	71-125-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-125-1 <u>Rev:</u> A <u>Date:</u> 02/19/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCU Eligibility	Model/Series Eligibility
Steering Actuator Bolt	PDM71-186-1	71-186-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-186-1 Rev: E Date: 04/06/2009 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Journal Bearing	PDM71-335-5	71-335-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-335-5 Rev: G Date: 01/02/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Locknut	PDM71-336-1	71-336-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-336-1 Rev: B Date: 12/01/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-062-5	71-062-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-062-5 Rev: D Date: 01/14/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Friction Disk	PDM71-323-1	71-323-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-323-1 Rev: B Date: 09/26/2013 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Steering Collar Assembly	PDMC6U1512-1	C6U1512-1	Test and Computations per 14 CFR 21.303 DWG No: PDMC6U1512-1 Rev: D Date: 01/17/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCB Eligibility	Model/Series Eligibility
Steering Collar	PDMC601511-27	C601511-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC601511-27 Rev: G Date: 11/19/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-169-1	71-169-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-169-1 Rev: C Date: 09/29/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Stud	PDM71-276-1	71-276-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-276-1 Rev: C Date: 08/03/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Washer	PDM71-325-1	71-325-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-325-1 Rev: B Date: 09/28/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Nose Strut Bushing	PDM71-331-1	71-331-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-331-1 Rev: D Date: 10/16/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Thrust Washer	PDM71-018-5	71-018-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-018-5 Rev: D Date: 08/08/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Bushing	PDM71-305-9	71-305-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-305-9 <u>Rev:</u> C <u>Date:</u> 01/16/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bolt	PDM71-173-1	71-173-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-173-1 <u>Rev:</u> B <u>Date:</u> 08/18/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
NJG Dust King (Seal)	PDM71-166-1	71-166-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-166-1 <u>Rev:</u> A <u>Date:</u> 02/03/2009 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Chain Assembly	PDM71-315-3	71-315-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-315-3 <u>Rev:</u> C <u>Date:</u> 12/07/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Cam	PDM71-174-1	71-174-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-174-1 <u>Rev:</u> E <u>Date:</u> 11/19/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Cover	PDM71-176-3	71-176-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-176-3 <u>Rev:</u> Original <u>Date:</u> 11/16/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Upper Torque Arm Assembly	PDM71-105-5	71-105-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-105-5 Rev: E Date: 09/05/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-164-1	71-164-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-164-1 Rev: F Date: 01/15/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Spring Retainer	PDM71-104-5	71-104-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-104-5 Rev: B Date: 11/04/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Latch Pin	PDM71-103-5	71-103-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-103-5 Rev: D Date: 02/09/2015 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Upper Torque Arm	PDM71-102-5	71-102-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-102-5 Rev: D Date: 08/21/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Thrust Ring	PDM71-326-1	71-326-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-326-1 Rev: A Date: 10/20/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Locking Key	PDM71-060-5	71-060-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-060-5 Rev: D Date: 10/16/2007 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Block	PDM71-057-5	71-057-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-057-5 Rev: A Date: 02/15/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Locking Clip	PDM71-058-5	71-058-5	Test and Computations per 14 CFR 21.303 DWG No: PDM71-058-5 Rev: C Date: 02/22/2017 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Lock Bolt	PDM71-340-1	71-340-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-340-1 Rev: C Date: 10/31/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-093-9	71-093-9	Test and Computations per 14 CFR 21.303 DWG No: PDM71-093-9 Rev: Original Date: 01/25/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Lower Torque Arm Bolt	PDM71-187-1	71-187-1	Test and Computations per 14 CFR 21.303 DWG No: PDM71-187-1 Rev: I Date: 05/09/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400



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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/T/CI Eligibility	Model/Series Eligibility
NIG Dust Ring (Seal)	PDM71-168-1	71-168-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-168-1 <u>Rev:</u> A <u>Date:</u> 02/19/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-107-11	71-107-11	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-107-11 <u>Rev:</u> D <u>Date:</u> 12/16/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Shim	PDM71-311-9	71-311-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-311-9 <u>Rev:</u> Original <u>Date:</u> 12/14/2006 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Lower Torque Arm Assembly	PDM71-339-1	71-339-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-339-1 <u>Rev:</u> B <u>Date:</u> 02/05/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Lower Torque Arm	PDM71-338-1	71-338-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-338-1 <u>Rev:</u> D <u>Date:</u> 01/14/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Profile Washer	PDM71-341-1	71-341-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-341-1 <u>Rev:</u> A <u>Date:</u> 10/22/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Makes/TCH Eligibility	Model/Series Eligibility
Cartridge Assembly	PDM71-081-7	71-081-7	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-081-7 <u>Rev: A</u> <u>Date: 03/15/2011 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400
Cylinder	PDM71-082-7	71-082-7	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-082-7 <u>Rev: B</u> <u>Date: 11/07/2011 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400
Cap Plug	PDM71-083-7	71-083-7	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-083-7 <u>Rev: C</u> <u>Date: 08/03/2016 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-157-9	71-157-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-157-9 <u>Rev: C</u> <u>Date: 08/12/2016 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDM71-189-5	71-189-5	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-189-5 <u>Rev: D</u> <u>Date: 08/22/2016 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400
Diaphragm	PDM71-199-9	71-199-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-199-9 <u>Rev: Original</u> <u>Date: 11/17/2010 or later</u> FAA-approved revisions	Viking Air Limited	DHC-6-400

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Shim	PDM71-095-9	71-095-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-095-9 <u>Rev:</u> A <u>Date:</u> 01/14/2019 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Washer	PDM71-309-9	71-309-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-309-9 <u>Rev:</u> B <u>Date:</u> 08/18/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Locknut	PDM71-156-11	71-156-11	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-156-11 <u>Rev:</u> A <u>Date:</u> 10/22/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Retaining Nut	PDM71-137-3	71-137-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-137-3 <u>Rev:</u> Original <u>Date:</u> 01/02/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Screw	PDM71-204-3	71-204-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-204-3 <u>Rev:</u> D <u>Date:</u> 06/21/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Nut	PDM71-322-3	71-322-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> PDM71-322-3 <u>Rev:</u> A <u>Date:</u> 04/02/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Special Wing Attachment Bolt	PDMC6WM1411-27	C6WM1411-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6WM1411-27, Rev: F Date: 06/04/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Strut to Wing and Strut to Link Bolt	PDMC6WM1411-29	C6WM1411-29	Test and Computations per 14 CFR 21.303 DWG No: PDMC6WM1411-29, Rev: F Date: 06/04/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Wing to Fuselage Bolt	PDMC6WM1099-27	C6WM1099-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6WM1099-27, Rev: D Date: 06/20/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Shim	PDMC6W1009-27	C6W1009-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6W1009-27, Rev: B Date: 06/20/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Seat Adjustment Spring Assembly	PDMC3FF406-7	C3FF406-7	Test & Computation per 14 CFR 21.303 DWG No: PDMC3FF406-7 Rev: A Date: 07/07/2011 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Seat Adjustment Spring Assembly	PDMC3FF407-7	C3FF407-7	Test and Computations per 14 CFR 21.303 DWG No: PDMC3FF407-7 Rev: A Date: 07/07/2011 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Hinge Assembly (Lower)	PDMC6FSM1245-1	C6FSM1245-1	Test and Computations per 14 CFR 21.303 DWG No: PDMC6FSM1245-1 Rev: A Date: 02/20/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Hinge Assembly (Lower)	PDMC6FSM1245-2	C6FSM1245-2	Test and Computations per 14 CFR 21.303 DWG No: PDMC6FSM1245-2 Rev: A Date: 02/20/2008 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Hinge Plate	PDMC6FSM1245-27	C6FSM1245-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6FSM1245-27 Rev: D Date: 08/10/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Hinge Plate	PDMC6FSM1246-27	C6FSM1246-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6FSM1246-27 Rev: B Date: 10/31/2012 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Bushing	PDMC6FSM1246-29	C6FSM1246-29	Test and Computations per 14 CFR 21.303 DWG No: PDMC6FSM1246-29 Rev: D Date: 09/21/2016 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Sleeve	PDMC6UM1124-27	C6UM1124-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6UM1124-27 Rev: A Date: 09/25/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

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Sleeve	PDMC6UM1124-29	C6UM1124-29	Test and Computations per 14 CFR 21.303 DWG No: PDMC6UM1124-29 Rev: A Date: 09/25/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Sleeve	PDMC6UM1124-33	C6UM1124-33	Test and Computations per 14 CFR 21.303 DWG No: PDMC6UM1124-33 Rev: A Date: 09/26/2014 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Sleeve	PDMC6UM1133-29	C6UM1133-29	Test and Computations per 14 CFR 21.303 DWG No: PDMC6UM1133-29 Rev: A Date: 11/19/2018 or later FAA-approved revisions	Viking Air Limited	DHC-6-400
Lower Platen Bushing	PDMC6UM1136-27	C6UM1136-27	Test and Computations per 14 CFR 21.303 DWG No: PDMC6UM1136-27 Rev: E Date: 04/12/2010 or later FAA-approved revisions	Viking Air Limited	DHC-6-400

-----END OF DATA-----

**GENERAL NOTES:**

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

  
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