

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

ALCOA FASTENING SYSTEMS
3000 WEST LOMITA BLVD.
TORRANCE, CALIFORNIA 90505
FULLERTON FACILITY

PMA NO. PQ1351NM
SUPPLEMENT NO. 4
DATE: APRIL 28, 1999
AMENDED: SEPTEMBER 11, 2000
AMENDED: MAY 6, 2005
AMENDED: DECEMBER 15, 2010

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Nut - Point	PH29630-3	General Electric P/N: J201P01	Identity per 14 CFR § 21.303 Dwg No: PH29630-3 Rev: A Date: 7/29/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80A, -80C2 series
Nut - 10 Point	PH39938-4	General Electric P/N: J626P04	Identity per 14 CFR § 21.303 Dwg No: PH39938-4 Rev: A Date: 7/28/98 or later FAA approved revisions	GE Engine CFM International	CF6-45A, -50C, -50E series; CF6-80A, -80C2 series; CFM56-2, -3, -5, -7B series
Nut - 12 Point	PH50184-3	General Electric P/N: J979P03	Identity per 14 CFR § 21.303 Dwg No: PH50184-3 Rev: Original Issue Date: 9/2/98 or later FAA approved revisions	GE Engine CFM International	CF6-45A, -50C, -50E series; CF6-80A, -80C2 series; CFM56-2, -3, -5, -7B series
Nut - 12 Point	PH50184-4	General Electric P/N: J979P04	Identity per 14 CFR § 21.303 Dwg No: PH50184-4 Rev: A Date: 7/29/98 or later FAA approved revisions	GE Engine CFM International Engine	CF6-45A, - 50C, -50E series; CF6-80A, -80C2 series; CFM56-2, -3, -5, -7B series

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Nut - Channel	PCN50384-4	General Electric P/N: J1051P04	Identity per 14 CFR § 21.303 Dwg No: PCN50384-4 Rev: B Date: 8/31/98 or later FAA approved revisions	GE Engine	CF6-45, -50, -80A, -80C2 series
Nut - 12 Point	PH53068-4	General Electric P/N: J1212P04	Identity per 14 CFR § 21.303 Dwg No: PH53068-4 Rev: Original Issue Date: 9/3/98 or later FAA approved revisions	GE Engine General Electric CFM International	CF6-45A, -50C, -50E series; CF6-80A, -80C2 series GE90-76B, -77B, -85B, -90B, -94B, -110B1, -113B, -115B CFM56-5, -5A3, -5A4, -5A5, -5-A1/F, -5A4/F, -5A/F
Nut - Shank	PK52473-4	General Electric P/N: 1327M36P02	Identity per 14 CFR § 21.303 Dwg No: PK52473-4 Rev: B Date: 8/31/98 or later FAA approved revisions	GE Engine	CF6-80C2 series

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Nut - Shank	PK53102-5	General Electric P/N: 1499M43P02	Identity per 14 CFR § 21.303 Dwg No: PK53102-5 Rev: Original Issue Date: 9/9/98 or later FAA approved revisions	CFM International	CFM56-2, -3 series
Nut - 12 Point	PH39167-5	General Electric P/N: 9021M86P01	Identity per 14 CFR § 21.303 Dwg No: PH39167-5 Rev: A Date: 7/29/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series CF6-80C2 series
Gang Channel, Radius, Ring, Liner Assy.	PRGA55175-3	General Electric P/N: 9051M13G04	Identity per 14 CFR § 21.303 Dwg No: PRGA55175-3 Rev: Original Issue Date: 10/15/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series
Gang Channel, Radius Assy.	PRG50051-3-1	General Electric P/N: 9085M84G02	Identity per 14 CFR § 21.303 Dwg No: PRG50051-3-1 Rev: Original Issue Date: 9/9/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series

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Nut - 12 Point	PH55075-4	General Electric P/N: 9109M70P04	Identicality per 14 CFR § 21.303 Dwg No: PH55075-4 Rev: Original Issue Date: 8/24/98 or later FAA approved revisions	GE Engine	CF6-45A, -50C, -50E series; CF6-80A series
Nut, Self-Locking Nylon, Shank	PK49784-5-1	General Electric P/N: 9111M33P03	Identicality per 14 CFR § 21.303 Dwg No: PK49784-5-1 Rev: A Date: 8/31/98 or later FAA approved revisions	GE Engine	CF6-45A, -50C, -50E series; CF6-80A, -80C2 series
Nut - 12 Point	PH49987-4	General Electric P/N: 9135M80P02	Identicality per 14 CFR § 21.303 Dwg No: PH49987-4 Rev: Original Issue Date: 8/24/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K series; CF6-80A, -80C2 series

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Nut - Shank	PK50226-4-2	General Electric P/N: 9173M41P09	Identity per 14 CFR § 21.303 Dwg No: PK50226-4-2 Rev: Original Issue Date: 8/31/98 or later FAA approved revisions	GE Engine	-CF6-6D, -6K, -45A, -50C, -50E series CF6-80A, -80C2 series
Nut - 12 Point	PH50427-3NF	General Electric P/N: 9182M22P02	Identity per 14 CFR § 21.303 Dwg No: PH50427-3NF Rev: Original Issue Date: 9/3/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series
Nut - Shank	PK51790-6	General Electric P/N: 9514M86P02	Identity per 14 CFR § 21.303 Dwg No: PK51790-6 Rev: A Date: 8/24/98 or later FAA approved revisions	CFM International	CFM56-2, -3 series
Nut - 12 Point	PH29412-3	General Electric P/N: 9610M50P01	Identity per 14 CFR § 21.303 Dwg No: PH29412-3 Rev: A Date: 7/29/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80A, -80C2 series

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Nut - 12 Point	PH29412-4	General Electric P/N: 9610M50P02	Identicality per 14 CFR § 21.303 Dwg No: PH29412-4 Rev: Original Issue Date: 8/11/98 or later FAA approved revisions	GE Engine CFM International	CF6-6D, -6K, - 45A, -50C, - 50E series; CF6-80A, - 80C2 series; CFM56-2, -3, - 5, series
Nut - 12 Point	PH29412-5	General Electric P/N: 9610M50P03	Identicality per 14 CFR § 21.303 Dwg No: PH29412-5 Rev: A Date: 8/24/98 or later FAA approved revisions	GE Engine CFM International	CF6-6D, -6K, - 45A, -50C, - 50E series; CF6-80A, - 80C2 series; CFM56-2, -3, - 5, -7B series
Nut - 12 Point	PH29412-6	General Electric P/N: 9610M50P04	Identicality per 14 CFR § 21.303 Dwg No: PH29412-6 Rev: Original Issue Date: 9/2/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, - 45A, -50C, - 50E series

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Nut - 12 Point	PH29728-4	General Electric P/N: 9610M87P04	Identicality per 14 CFR § 21.303 Dwg No: PH29728-4 Rev: Original Issue Date: 9/2/98, or later FAA approved revisions	GE Engine Model(s):	CF6-6D, -6K, - 45A, -50C, - 50E series
Gang Channel, Radius Assy.	PRG29438-3	General Electric P/N: 9628M18P02	Identicality per 14 CFR § 21.303 Dwg No: PRG29438- 3 Rev: Original Issue Date: 9/9/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, - -45A, -50C, -50E series
Nut, Hex	PH29462-4	General Electric P/N: 9629M48P04	Identicality per 14 CFR § 21.303 Dwg No: PH29462-4 Rev: Original Issue Date: 9/2/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80A, -80C2 series
Nut - Hex, Locking Insert, Assy	PH39502-5	General Electric P/N: 9644M72P03	Identicality per 14 CFR § 21.303 Dwg No: PH39502-5 Rev: A Date: 11/18/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80A, -80C2 series

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Nut - 6 Point	PH29797-3	General Electric P/N: 9663M71P01	Identity per 14 CFR § 21.303 Dwg No: PH29797-3 Rev: Original Issue Date: 9/2/98 or later FAA approved revisions	GE Engine	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80C2 series
Nut - 6 Point	PH49032-4	General Electric P/N: 9663M71P07	Identity per 14 CFR § 21.303 Dwg No: PH49032-4 Rev: A Date: 9/2/98 or later FAA approved revisions	GE Engine CFM International	CF6-6D, -6K, -45A, -50C, -50E series; CF6-80C2 series; CFM56-5, -7B series

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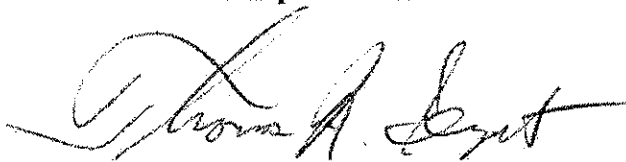
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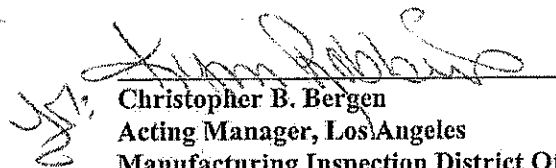
PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR	APPROVAL BASIS & APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Nut - 12 Point	PH50801-4	General Electric P/N: 9985M32P01	Identicality per 14 CFR § 21.303 Dwg No: PH50801-4 Rev: Original Issue Date: 11/24/98 or later FAA approved revisions	GE Engine CFM International	CF6-80A, -80C2 series; CFM56-2, -3, -5, -7B series

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



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