

PMA Supplements Index:

ARTICLE NUMBER	ARTICLE NAME	PMA SUPP.	DATE ISSUED
DEC31-160-503		TK48	JAN 28, 1999
DEC31-160-505			
DEC31-160-509	SHAFT ASSY, FLEXIBLE	TK58R	MARCH 18, 2002
DEC31-160-511			
		TK987	MARCH 31, 2016



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Gearshaft, Spur	DEC31- 014-501	362849-2	Identicality per 14 CFR 21.303. DWG No.: DEC31-014 Rev: C Date: 09/16/03 or later FAA-approved revisions.	Boeing	747-100 Series, 747-200B Series, 747-200F Series, 747-200C Series, 747-200C Series, 747-Series, 747-100B Series, 747-100B Sudberies, 747-100B Sudberies, 747-400 Series, 747-400D Series, 747-400F Series, 747-400F Series, 747-8 Series, 747-8 Series, 767-200 Series, 767-300 Series, 767-300 Series, 767-300 Series, 767-400ER Series, DC-10-10, DC-10-40, DC-10-30, DC-10-30, DC-10-30F (KC-10A, KDC-10), DC-10-10F, DC-10-10F, DC-10-15, MD-11, MD-11F
Shaft, Drive- Oil Pump	DEC31- 026-501	969292-1	Identicality per 14 CFR 21.303. DWG No.: DEC31-026 Rev: B Date: 10/16/02 or later FA A-approved revisions.	Boeing	707-100 Long Body, 707-200, 707-100B Long Body, 707-100B Short Body, 707-300 Series,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

707-300B Serie 707-300C Serie 727 Series, 727-100 Series, 727-100 Series, 727-100C Series, 727-200 Serie 727-200 Serie 727-200F Serie 737-100 Serie 737-200 Serie 737-200 Serie 737-300 Serie 737-300 Serie 737-400 Serie 737-500 Serie 737-600 Serie 737-600 Serie 737-600 Serie 737-700C Serie 73				 	
707-300C Seri 727 Series, 727-100 Serie 727-200 Serie 727-200 Serie 727-200 Serie 727-200 Serie 737-200 Serie 737-200 Serie 737-300 Serie 737-300 Serie 737-300 Serie 737-500 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-900 Serie 737-					707-400 Series,
727 Series, 727-100 Serie: 727-100 Serie: 727-100 Series, 727-100 Serie: 727-200 Serie: 727-200 Serie: 727-200 Serie: 727-200 Serie: 727-200 Serie: 737-200 Serie: 737-200 Serie: 737-200 Serie: 737-200 Serie: 737-300 Serie: 737-300 Serie: 737-300 Serie: 737-500 Serie: 737-500 Serie: 737-500 Serie: 737-600 Serie: 737-600 Serie: 737-600 Serie: 737-600 Serie: 737-600 Serie: 737-900					707-300B Series,
727-100 Serie 727 Series 727-100C Seri 727-200 Serie 727-200 Serie 737-100 Serie 737-100 Serie 737-100 Serie 737-200 Serie 737-200 Serie 737-200 Serie 737-300 Serie 737-300 Serie 737-500 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-900 Serie 737-800 Serie 737-900 Serie 737-9			ļ		707-300C Series,
727C Series, 727-100C Serie 727-200 Serie 727-200 Serie 737-200 Serie 737-200 Serie 737-200 Serie 737-200 Serie 737-300 Serie 737-400 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-900 Serie 737-800 Serie 737-900 Serie 73					727 Series,
727-100C Serie 727-200 Serie 727-200 Serie 727-200 Serie 727-200F Seri 737-100 Serie 737-100 Serie 737-200C Serie 737-200C Serie 737-200C Serie 737-300 Serie 737-400 Serie 737-500 Serie 737-500 Serie 737-800 Serie 737-800 Serie 737-600 Serie 737-900 Serie 737-900 Serie 737-900 Serie 737-900 Serie 737-900 Serie 737-90E Series, DC-8-11, DC-8-12, DC-8-21, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-32, DC-8-33, DC-8-41, DC-8-52, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-61, DC-8-62, DC-8-62F,					727-100 Series,
727-200 Serie 727-200 Serie 727-200 Serie 737-100 Serie 737-200 Serie 737-200 Serie 737-200 Serie 737-300 Serie 737-300 Serie 737-500 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-700 Serie 737-900 Serie 737-800 Serie 737-900 Serie 73					727C Series,
727-200F Seri 737-100 Serie: 737-200 Serie: 737-200 Serie: 737-300 Serie: 737-300 Serie: 737-400 Serie: 737-700 Serie: 737-900			Ì		727-100C Series,
737-100 Serie: 737-200 Serie: 737-200 Serie: 737-300 Serie: 737-300 Serie: 737-400 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-900 Serie: 737-800 Serie: 737-900 Serie: 737-90					727-200 Series,
737-200 Serie. 737-200 Serie. 737-200 Serie. 737-300 Serie. 737-300 Serie. 737-500 Serie. 737-700 Serie. 737-700 Serie. 737-700 Serie. 737-700 Serie. 737-900 Serie. 737-900 Serie. 737-900 Serie. 737-900 Serie. 737-900 Serie. 737-900 Serie. 738-900 Serie. 738-90					727-200F Series,
737-200C Seri 737-300 Serie 737-400 Serie 737-500 Serie 737-700 Serie 737-700 Serie 737-600 Serie 737-700C Seri 737-900 Serie 737-900 Serie 737-900 Serie 737-900ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-31, DC-8-33, DC-8-41, DC-8-42, DC-8-44, DC-8-42, DC-8-43, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-61, DC-8-61, DC-8-61, DC-8-62, DC					737-100 Series,
737-300 Serie: 737-400 Serie: 737-500 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-700 Serie: 737-900 Serie: 737-90 Serie: 737-90 Serie: 737-90 S					737-200 Series,
737-400 Serie 737-500 Serie 737-700 Serie 737-600 Serie 737-900 Serie 8 Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-42, DC-8-44, DC-8-42, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-61, DC-8-62, DC-8-62F,					737-200C Series,
737-500 Serie 737-700 Serie 737-800 Serie 737-800 Serie 737-600 Serie 737-900 Serie 737-900 Serie 737-900 Serie 737-900 Serie 737-90ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-44, DC-8-42, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-61, DC-8-61, DC-8-62, DC-8-62, DC-8-62,					737-300 Series,
737-700 Serie 737-800 Serie 737-600 Serie 737-700C Serie 737-900 Serie 7					737-400 Series,
737-800 Serie 737-600 Serie 737-700C Serie 737-900 Serie 737-900 ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-44, DC-8-51, DC-8-55, DC-8-55, DC-8-55, DC-8-55, DC-8-61, DC-8-61, DC-8-62, DC-8-62,					737-500 Series,
737-600 Serie 737-700C Serie 737-900 Serie 737-900ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-44, DC-8-51, DC-8-52, DC-8-53, DC-8-55, DC-8-55, DC-8-61, DC-8-61, DC-8-61, DC-8-62, DC-8-62F,	j				737-700 Series,
737-700C Serie 737-900 Series 737-900 Series 737-900ER Series, DC-8-11, DC-8-12, DC-8-12, DC-8-21, DC-8-31, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-44, DC-8-44, DC-8-51, DC-8-51, DC-8-55, DC-8-51, DC-8-61, DC-8-61, DC-8-61, DC-8-61, DC-8-62, DC-					737-800 Series,
737-900 Series 737-900ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-62, DC-8-62, DC-8-62,					737-600 Series,
737-900ER Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-55, DC-8-55, DC-8-61, DC-8-61F, DC-8-62F,					737-700C Series,
Series, DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-42, DC-8-51, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-62, DC-8-62,					737-900 Series,
DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-62, DC-8-62, DC-8-62F,					737-900ER
DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-62, DC-8-62,					Series,
DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8-55, DC-8-61, DC-8-61F, DC-8-62F,					DC-8-11,
DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,				•	DC-8-12,
DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-21,
DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-31,
DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-32,
DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-33,
DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-41,
DC-8-51, DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-61, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					
DC-8-52, DC-8-53, DC-8F-54, DC-8F-55, DC-8-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-43,
DC-8-53, DC-8F-54, DC-8F-55, DC-8-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					
DC-8F-54, DC-8F-55, DC-8-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-52,
DC-8F-55, DC-8-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					DC-8-53,
DC-8-55, DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,					
DC-8-61, DC-8-61F, DC-8-62, DC-8-62F,				İ	DC-8F-55,
DC-8-61F, DC-8-62, DC-8-62F,					DC-8-55,
DC-8-62, DC-8-62F,					
DC-8-62, DC-8-62F,		}			
DC-8-62F,					
DC-8-63.					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					DC-8-63,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

			· · · · · · · · · · · · · · · · · · ·		
					DC-8-63F,
					DC-8-71,
					DC-8-71F,
					DC-8-72,
					DC-8-72F,
	1				DC-8-73,
					DC-8-73F,
					DC-9-11,
]				1	DC-9-12,
					DC-9-13,
					DC-9-14,
					DC-9-15,
					DC-9-15F,
]					DC-9-21,
					DC-9-31,
					DC-9-32,
					DC-9-32 (VC-
1					9C),
}					DC-9-32F,
i					DC-9-32F
					(C-9A, C-9B),
					DC-9-33F,
					DC-9-34,
					DC-9-34F,
					DC-9-41,
					DC-9-51,
					DC-9-81 (MD-
					81),
					DC-9-82 (MD-
					82),
					DC-9-83 (MD-
					83,
					DC-9-87 (MD-
}		;			87),
					MĎ-88,
}				British	1-11 200 series,
				Aerospace	1-11 400 series
	I	L			



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

	Shaft, Drive,	DEC31-	3603685-3	Identicality per 14	Boeing	707-100 Long
	Fuel Pump	027-505		CFR 21.303.		Body,
	•			DWG No.:		707-200,
				DEC31-027		707-100B Long
				Rev: A		Body,
				Date: 02/16/12 or		707-100B Short
				later FAA-approved		Body,
ł				revisions.		707-300 Series,
1						707-400 Series,
						707-300B Series,
						707-300C Series,
						727 Series,
						727-100 Series,
	:					727C Series,
						727-100C Series,
						727-200 Series,
						727-200F Series,
						737-100 Series,
					ļ	737-200 Series,
		·				737-200C Series,
						737-300 Series,
						737-400 Series,
						737-500 Series,
						737-700 Series,
ŀ						737-800 Series,
1						737-600 Series,
Ì						737-700C Series,
-						737-900 Series,
						737-900ER
						Series,
Ì						DC-8-11,
						DC-8-12,
						DC-8-21,
						DC-8-31,
						DC-8-32,
						DC-8-33,
						DC-8-41,
						DC-8-42,
						DC-8-43,
Ì						DC-8-51,
						DC-8-52,
						DC-8-53,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

				DC-8F-54,
				DC-8F-55,
}	į.			DC-8-55,
	İ			DC-8-61,
	ļ			DC-8-61F,
	İ			DC-8-62,
				DC-8-62F,
				DC-8-63,
				DC-8-63F,
	l l			DC-8-71,
	j			DC-8-71F,
	1			DC-8-72,
				DC-8-72F,
				DC-8-73,
				DC-8-73F,
				DC-9-11,
				DC-9-12,
				DC-9-13,
				DC-9-14,
				DC-9-15,
				DC-9-15F,
				DC-9-21,
	l			DC-9-31,
				DC-9-32,
				DC-9-32 (VC-
				9C),
				DC-9-32F,
				DC-9-32F
				(C-9A, C-9B),
				DC-9-33F,
				DC-9-34,
	Par			DC-9-34F,
				DC-9-41,
			ĺ	DC-9-51,
				DC-9-81 (MD-
				81),
				DC-9-82 (MD-
				82),
				DC-9-83
				(MD-83,
				DC-9-87 (MD-
				87),
		l		01/3



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

		<u> </u>			MD-88,
				British	1-11 200 series,
				Aerospace	1-11 400 series
Gear, Spur,	DEC31-	362846-2	Identicality per 14	Boeing	747-100 Series,
Internal	032-501	302040-2	CFR 21.303.	Booms	747-200B Series,
IIIteriiai	032-301		DWG No.:		747-200F Series,
			DEC31-032		747-200C Series,
			Rev: C		747SR Series,
			<u>Date:</u> 01/23/08 or		747SP Series,
			later FAA-approved		747-100B Series,
			revisions.		747-300 Series,
			1041516115.		747-100B SUD
					Series,
					747-400 Series,
		}			747-400D Series,
					747-400F Series,
					747-8F Series,
			ļ		747-8 Series,
1			į		767-200 Series,
					767-300 Series,
			İ		767-300F Series,
					767-400ER
					Series,
	ļ				DC-10-10,
					DC-10-40,
					DC-10-30,
					DC-10-30F
			ļ		(KC-10A, KDC-
					10),
					DC-10-10F,
					DC-10-40F,
					DC-10-15,
					MD-11,
					MD-11F,
				Airbus	<u>A300</u>
					A300, Model
			ļ		B2-1A,
					A300, Model
					B2-1C,
		-			A300, Model
					B4-2C
	1			}	A300, Model

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc. A HEICO Aerospace Company 60 Sequin Drive Glastonbury, CT 06033

				Lockheed	B2K-3C, A300, Model B4-103, A300, Model B2-203, A300, Model B4-203, L-1011-385-1, L-1011-385-1- 14, L-1011-385-1- 15, L-1011-385-3
Nut, Retaining Impeller	DEC31- 091-503	379523-1	Identicality per 14 CFR 21.303. DWG No.: DEC31-091 Rev: B Date: 12/04/07 or later FAA-approved revisions.	Boeing	727 Series, 727-100 Series, 727-100 Series, 727-100C Series, 727-200 Series, 727-200F Series, 737-200 Series, 737-200 Series, 737-200 Series, 737-200 Series, 737-200 Series, 737-300 Series, 737-600 Series, 737-600 Series, 737-600 Series, 737-700C Series, 737-900 Series, 737-900 Series, 737-900 Series, 737-901, DC-9-11, DC-9-12, DC-9-13, DC-9-14, DC-9-15, DC-9-15, DC-9-15, DC-9-15, DC-9-21, DC-9-31, DC-9-32, DC-9-32 (VC-

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

		I			00)
					9C),
					DC-9-32F,
					DC-9-32F
					(C-9A, C-9B),
					DC-9-33F,
		-			DC-9-34,
					DC-9-34F,
					DC-9-41,
					DC-9-51,
					DC-9-81 (MD-
					81),
					DC-9-82 (MD-
					82),
					DC-9-83 (MD-
					83,
					DC-9-87 (MD-
					87),
	D.D.O.I.	2010100 1	71 4 14 14	D :	MD-88
Liner, Bearing	DEC31-	3810133-1	Identicality per 14	Boeing	757-200 Series,
	092-501	l F	CFR 21.303.		757-200PF
	1		DWG No.:		Series,
			DEC31-092		757-200CB
		Ì	Rev: -		Series,
		ĺ	Date: 05/02/97 or		757-300 Series,
		ļ	later FAA-approved		767-200 Series,
			revisions.		767-300 Series,
					767-300F Series,
		•			767-400ER,
				Airbus	<u>A310</u>
					A310, Model
					204,
					A310, Model
					221,
					A310, Model
					222,
					A310, Model
					203,
					A310, Model
		}			322,
					A310, Model
					324,
			1	1	A310, Model

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					304, A310, Model 325
Bearing Set,	DEC31-	968055-1	Identicality per 14	Boeing	727 Series,
Sleeve,	095-501		CFR 21.303.		727-100 Series,
Matched			DWG No.:		727C Series,
			DEC31-095		727-100C Series,
			Rev: A		727-200 Series,
			Date: 03/17/08 or		727-200F Series,
			later FAA-approved		737-100 Series,
			revisions.		737-200 Series,
					737-200C Series,
	1				737-300 Series,
					737-400 Series,
					737-500 Series,
			1		737-700 Series,
			ļ		737-800 Series,
			ĺ		737-600 Series,
					737-700C Series,
					737-900 Series,
					737-900ER
					Series,
					DC-9-11,
					DC-9-12,
					DC-9-13,
			4		DC-9-14,
			ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville ville		DC-9-15,
					DC-9-15F,
					DC-9-21,
			1		DC-9-31,
					DC-9-32,
					DC-9-32 (VC-
					9C),
			ļ		DC-9-32F,
					DC-9-32F
					(C-9A, C-9B),
					DC-9-33F,
					DC-9-34,
1			·		DC-9-34F,
			ĺ		DC-9-41,
ĺ					DC-9-51,
					DC-9-81 (MD-

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					81), DC-9-82 (MD- 82), DC-9-83 (MD- 83, DC-9-87 (MD- 87), MD-88
Bearing Set, Sleeve, Matched	DEC31- 095-503	968055-2	Identicality per 14 CFR 21.303. DWG No.: DEC31-095 Rev: A Date: 03/17/08 or later FAA-approved revisions.	Boeing	727 Series, 727-100 Series, 727-100 Series, 727-100C Series, 727-200 Series, 727-200F Series, 737-200 Series, 737-200 Series, 737-200 Series, 737-200 Series, 737-300 Series, 737-300 Series, 737-500 Series, 737-600 Series, 737-600 Series, 737-700C Series, 737-900 Series, 737-900 Series, 737-901 Series, 737-901 Series, 737-901 Series, 737-902 Series, 737-903 Series, 737-905 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series, 737-907 Series,

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					DC-9-34, DC-9-34F, DC-9-41, DC-9-51, DC-9-81 (MD- 81), DC-9-82 (MD- 82), DC-9-83 (MD- 83, DC-9-87 (MD- 87), MD-88
Seal, Lip	DEC31- 107-501	3237917-1	Identicality per 14 CFR 21.303. DWG No.: DEC31-107 Rev: A Date: 05/07/03 or later FAA-approved revisions.	Boeing	747-100 Series, 747-200B Series, 747-200F Series, 747-200C Series, 747-87 Series, 747-100B Series, 747-100B Series, 747-100B SUD Series, 747-100B SUD Series, 747-400 Series, 747-400 Series, 747-400 Series, 747-400F Series, 747-8F Series, 747-8F Series, 767-200 Series, 767-200 Series, 767-300F Series, 767-400ER Series, DC-10-10, DC-10-40, DC-10-30, DC-10-30F (KC-10A, KDC-10), DC-10-10F, DC-10-10F, DC-10-10F, DC-10-10F, DC-10-10F, DC-10-15



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

Shaft and	DEC31-	3602218-6	Identicality per 14	Boeing	737-100 Series,
Sleeve Set,	130-503		CFR 21.303.		737-200 Series,
Matched			DWG No.:		737-200C Series,
			DEC31-130		737-300 Series,
			Rev: F		737-400 Series,
			Date: 03/17/08 or		737-500 Series,
			later FAA-approved		737-700 Series,
			revisions.		737-800 Series,
		ļ	1		737-600 Series,
			•		737-700C Series,
-					737-900 Series,
					737-900ER
					Series,
					DC-9-11,
					DC-9-12,
					DC-9-13,
					DC-9-14,
					DC-9-15,
					DC-9-15F,
					DC-9-21,
					DC-9-31,
					DC-9-32,
					DC-9-32 (VC-
					9C),
					DC-9-32F,
					DC-9-32F
					(C-9A, C-9B),
					DC-9-33F,
			1		DC-9-34,
			1		DC-9-34F,
					DC-9-41,
					DC-9-51,
					DC-9-81 (MD-
					81),
					DC-9-82 (MD-
1					82),
					DC-9-83 (MD-
					83,
					DC-9-87 (MD-
					87),
					MD-88
L		<u> </u>			1410-00





FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

Nut, Plain Hexagon	DEC31- 134-501	974699-1	Identicality per 14 CFR 21.303. DWG No.: DEC31-134 Rev: E Date: 11/06/15 or later FAA-approved revisions.	Boeing	747-100 Series, 747-200B Series, 747-200F Series, 747-200C Series, 747-8 Series, 747-100B Series, 747-100B Series, 747-100B SUD Series, 747-100B SUD Series, 747-400 Series, 747-400D Series, 747-400F Series, 747-8 Series, 747-8 Series, DC-10-10, DC-10-30, DC-10-30F (KC-10A, KDC-10), DC-10-10F, DC-10-40F, DC-10-15
Bushing, Gimbal	DEC31- 136-503	974695-19	Identicality per 14 CFR 21.303. <u>DWG No.:</u> DEC31-136 <u>Rev:</u> B <u>Date:</u> 04/15/04 or later FAA-approved revisions.	Boeing	747-100 Series, 747-200B Series, 747-200F Series, 747-200C Series, 747SR Series, 747SP Series, 747-100B Series, 747-100B SUD Series, 747-400 Series, 747-400D Series, 747-400F Series, 747-8 Series, 747-8 Series, DC-10-10, DC-10-40, DC-10-30,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					DC-10-30F (KC-10A, KDC- 10), DC-10-10F, DC-10-40F, DC-10-15
Gear Set, Spur Matched – Planetary	DEC31- 143-503	364436-3	Identicality per 14 CFR 21.303. DWG No.: DEC31-143 Rev: C Date: 08/10/15 or later FAA-approved revisions.	Boeing	747-100 Series, 747-200B Series, 747-200F Series, 747-200C Series, 747-200C Series, 747-SR Series, 747-100B Series, 747-100B SUD Series, 747-400 Series, 747-400 Series, 747-400F Series, 747-400F Series, 747-8 Series, 747-8 Series, 767-200 Series, 767-300 Series, 767-300 Series, 767-300 Series, 767-300F Series, 767-300F Series, 767-400ER Series, DC-10-10, DC-10-40, DC-10-30, DC-10-30F (KC-10A, KDC-10), DC-10-10F, DC-10-40F, DC-10-15, MD-11, MD-11F, A300 A300, Model B2-1A, A300, Model
1		1			B2-1C,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

			_ 		1000 111
					A300, Model
					B4-2C,
		j			A300, Model
					B2K-3C,
					A300, Model
				}	B4-103,
			į		A300, Model
					B2-203,
					A300, Model
					B4-203,
					A300-600
					A300, Model
					B4-601,
					A300, Model
					B4-603,
					A300, Model
}					B4-620,
ļ					A300, Model
					B4-605R,
					A300, Model
					B4-622R,
					A300, Model
					F4-605R,
					A300, Model
					F4-622R,
	İ			ļ	A300, Model
					C4-605R Variant
					F,
					A300, Model
	!				B4-622
					A310
					A310, Model
					203,
					A310, Model
					304,
					A320
					A320 Model-
	}				111*,
					A320, Model
}					211,
					A320, Model
					212

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.

A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

Gear, Spur -	DEC31-	364437-1	Identicality per 14	Boeing	747-100 Series,
Pinion	144-501		CFR 21.303.		747-200B Series,
			DWG No.:		747-200F Series,
			DEC31-144		747-200C Series,
			Rev: B		747SR Series,
			Date: 01/25/11 or		747SP Series,
			later FAA-approved		747-100B Series,
			revisions.		747-300 Series,
					747-100B SUD
					Series,
					747-400 Series,
					747-400D Series,
					747-400F Series,
					747-8F Series,
					747-8 Series,
					767-200 Series,
					767-300 Series,
					767-300F Series,
					767-400ER
	ļ				Series,
			ļ		DC-10-10,
	1		į		DC-10-40,
		İ		ĺ	DC-10-30,
					DC-10-30F
					(KC-10A, KDC-
					10),
					DC-10-10F,
					DC-10-40F,
					DC-10-15,
					MD-11,
Ì					MD-11F,
				Airbus	<u>A300</u>
					A300, Model
					B2-1A,
					A300, Model
					B2-1C,
1					A300, Model
					B4-2C,
					A300, Model
					B2K-3C,
					A300, Model
		<u> </u>			B4-103,

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

A300, Model B2-203, A300, Model B4-203, A300-600 A300, Model B4-601, A300, Model B4-603, A300, Model B4-603, A300, Model B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Variant F, A300, Model C4-605R Vari	 	 		
A300, Model B4-203, A300-600 A300, Model B4-601, A300, Model B4-603, A300, Model B4-620, A300, Model B4-625R, A300, Model B4-622R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model B4-622 A310 A310, Model B4-622 A310 A310, Model B4-621 A310, Model B4-622 A310 A310, Model B4-621 A320, Model B4-621 A320, Model				A300, Model
B4-203,				
A300-600 A300, Model B4-601, A300, Model B4-603, A300, Model B4-620, A300, Model B4-65R, A300, Model B4-65R, A300, Model F4-605R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 111*, A320, Model 211, A320, Model				
A300, Model B4-601, A300, Model B4-603, A300, Model B4-620, A300, Model B4-625R, A300, Model B4-625R, A300, Model F4-605R, A300, Model F4-658, A300, Model F4-622R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 211, A320, Model 211, A320, Model				
B4-601, A300, Model B4-603, A300, Model B4-620, A300, Model B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model B4-622 A310 A310, Model B4-621 A310, Model B4-622 A310 A310, Model B4-621 A310, Model B4-622 A310 A310, Model B4-621 A320 A320 A320 A320 Model B4-111* A320, Model				<u>A300-600</u>
A300, Model B4-603, A300, Model B4-620, A300, Model B4-605R, A300, Model B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 304, A320 A320 Model 111*, A320, Model 211, A320, Model				A300, Model
B4-603,				B4-601,
A300, Model B4-620, A300, Model B4-658, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model B203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				A300, Model
B4-620, A300, Model B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-605R, A300, Model F4-628, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				B4-603,
A300, Model B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-62R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				A300, Model
B4-605R, A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model			:	B4-620,
A300, Model B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				A300, Model
B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				B4-605R,
B4-622R, A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				A300, Model
A300, Model F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				
F4-605R, A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
A300, Model F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				
F4-622R, A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				
A300, Model C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model				
C4-605R Variant F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
F, A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
A300, Model B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 A320 Model- 111*, A320, Model 211, A320, Model	ł			
B4-622 A310 A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
A310, Model 203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				A310
203, A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				
A310, Model 304, A320 A320 Model- 111*, A320, Model 211, A320, Model				203,
304, <u>A320</u> A320 Model- 111*, A320, Model 211, A320, Model				
A320 A320 Model- 111*, A320, Model 211, A320, Model				
A320 Model- 111*, A320, Model 211, A320, Model				
111*, A320, Model 211, A320, Model				
A320, Model 211, A320, Model				
211, A320, Model				
A320, Model				
212				
				212



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

Shaft Assembly, Flexible	DEC31- 160-503	121754-2	Identicality per 14 CFR 21.303. DWG No.: DEC31-160 Rev: E Date: 05/09/12 or later FAA-approved revisions.	Bombardier	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A Variant), CL-600-2B16 (CL-601-3R Variant), CL-600-2B16 (CL-604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440)
Shaft Assembly, Flexible	DEC31- 160-505	121754-3	Identicality per 14 CFR 21.303. DWG No.: DEC31-160 Rev: E Date: 05/09/12 or later FAA-approved revisions.	Bombardier	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A Variant), CL-600-2B16 (CL-601-3R Variant), CL-600-2B16 (CL-604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440)
Shaft Assembly, Flexible	DEC31- 160-509	121754-5	Identicality per 14 CFR 21.303. DWG No.: DEC31-160 Rev: E Date: 05/09/12 or later FAA-approved revisions.	Bombardier	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A Variant), CL-600-2B16



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					·T
					(CL-601-3R Variant), CL-600-2B16 (CL-604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440)
Shaft Assembly, Flexible	DEC31- 160-511	121754-6	Identicality per 14 CFR 21.303. DWG No.: DEC31-160 Rev: E Date: 05/09/12 or later FAA-approved revisions.	Bombardier	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A Variant), CL-600-2B16 (CL-601-3R Variant), CL-600-2B16 (CL-604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440)
Rotor, Seal	DEC31- 167-501	3822057-3	Identicality per 14 CFR 21.303. DWG No.: DEC31-167 Rev: - Date: 01/08/99 or later FAA-approved revisions.	Boeing	757-200 Series, 757-200PF Series, 757-200CB Series, 757-300 Series, 767-200 Series, 767-300 Series, 767-300F Series, 767-400ER A300-600 A300, Model B4-601, A300, Model B4-603, A300, Model

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

	 -	 -		I	D4 (20)
					B4-620, A300, Model B4-605R,
•					A300, Model
					B4-622R
					A300, Model
					F4-605R,
					A300, Model
					F4-622R,
					A300, Model
					C4-605R Variant
					F,
					A300, Model
					B4-622,
					<u>A310</u>
					A310, Model
					204,
					A310, Model
					221,
					A310, Model
					222,
					A310, Model
					203,
					A310, Model
					322,
					A310, Model
					324,
					A310, Model
					304,
					A310, Model
					325
Plug, Machine	DEC92-	572-510-9004	Identicality per 14	Boeing	707-100 Long
	001-503		CFR 21.303.		Body,
		A75M	DWG No.:		707-200,
			DEC92-001		707-100B Long
			Rev: K		Body,
			Date: 04/06/15 or		707-100B Short
			later FAA-approved		Body,
			revisions.		707-300 Series,
					707-400 Series,
					707-300B Series,
					707-300C Series,

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

			727 Series,
			727-100 Series,
			727C Series,
			727-100C Series,
			727-200 Series,
			727-200F Series,
			737-100 Series,
1			737-200 Series,
			737-200C Series,
•			737-300 Series,
			737-400 Series,
			737-500 Series,
			737-700 Series,
			737-800 Series,
			737-600 Series,
			737-700C Series,
			737-900 Series,
			737-900ER
			Series,
			747-100 Series,
			747-200B Series,
			747-200F Series,
			747-200C Series,
			747SR Series,
			747SP Series,
			747-100B Series,
			747-300 Series,
	,		747-100B SUD
			Series,
			747-400 Series,
		\	747-400D Series,
			747-400F Series,
			747-8F Series,
			747-8 Series,
			767-200 Series,
			767-300 Series,
			767-300F Series,
			767-400ER
			Series,
			DC-8-11,
			DC-8-11, DC-8-12,
			DC-8-12, DC-8-21,
	<u> </u>		 DC-0-21,

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

	1	DC-8-31,
		DC-8-32,
		DC-8-33,
		DC-8-41,
		DC-8-42,
		DC-8-43,
		DC-8-51,
		DC-8-52,
		DC-8-53,
		DC-8F-54,
		DC-8F-55,
		DC-8-55,
		DC-8-61,
		DC-8-61F,
		DC-8-62,
		DC-8-62F,
		DC-8-63,
		DC-8-63F,
		DC-8-71,
		DC-8-71F,
		DC-8-72,
		DC-8-72F,
		DC-8-73,
		DC-8-73F,
		DC-9-11,
		DC-9-12,
		DC-9-13,
		DC-9-14,
		DC-9-15,
		DC-9-15F,
		DC-9-21,
		DC-9-31,
		DC-9-32,
		DC-9-32 (VC-
		9C),
		DC-9-32F,
}		DC-9-32F
		(C-9A, C-9B),
		DC-9-33F,
		DC-9-34,
		DC-9-34F,
		DC-9-41,
		 DO 771,



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.
A HEICO Aerospace Company
60 Sequin Drive
Glastonbury, CT 06033

					DC-9-51,
					DC-9-81 (MD-
					81),
					DC-9-82 (MD-
					82),
					DC-9-83 (MD-
					83,
				į	DC-9-87 (MD-
					87),
					MD-88,
					DC-10-10,
					DC-10-40,
					DC-10-30,
	:	į.			DC-10-30F
					(KC-10A, KDC-
					10),
					DC-10-10F,
			}		
				Airbus	
-					
				Lockheed	
				Airbus	DC-10-40F, DC-10-15, MD-11, MD-11F A300 A300, Model B2-1A, A300, Model B2-1C, A300, Model B4-2C, A300, Model B4-2C, A300, Model B2K-3C, A300, Model B4-103, A300, Model B4-103, A300, Model B4-203, L-1011-385-1, L-1011-385-1-14, L-1011-385-1-15, L-1011-385-3



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Turbine Kinetics, Inc.	PMA NO	PQ0816NE
A HEICO Aerospace Company	SUPPLEMENT	T NO. <u>987</u>
60 Sequin Drive	DATE: Marc	ch 15, 2016
Glastonbury, CT 06033		
(END OF DATA)	
	LIND OF DAILTY	
GENERAL NOTES:		
Provide minor design changes in a manu changes to drawings and specifications in the sar		
The FAA accepted the ICA approach for those of the respective articles from the holder ICA for differences in the replacement articles.	rs of type certificates. Otherw	ise, provide supplemental
available per 14 CFR 21.50.		n/
michael Schwet	Cille	Mugh
Robert G. Mann, Manager, Boston, Aircraft Certification Office	Richard P. War	ren, Manager () acturing Inspection
2 colon, 1 m Fruit Collineation Office	District Office	actaining anopeonton



Federal Aviation Administration Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center, Suite 475
1895 Phoenix Blvd
Atlanta, GA 30349

January 28, 1999

Project No. PQ1469CE

Mr. Rick Rathbun Project Engineer DEC Technologies, Inc. 501 Industrial Park Road P.O. Box 583 Piney Flats, TN 37686

Dear Mr. Rathbun:

The statements dated January 25, 1999, certifying that DEC Technologies, Inc. has established a fabrication inspection system that meets the requirements of FAR 21.303(h) for the parts listed are accepted.

Transmitted herein is Production Approval Listing, Supplement No. 48, dated January 28, 1999 which grants approval for the production of the parts listed thereon, under the same conditions and limitations included in the Approval Letter of October 17, 1995.

Should you have any questions regarding this matter, you may wish to direct them to Mr. Nate Watts, of the Nashville MISO at (615) 781-5441.

Sincerely,

Tim Reeves

Manager, Atlanta Manufacturing Inspection District Office

-

Enclosure

PARTS MANUFACTURER APPROVAL NO. PQ1469CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 48

DATED JANUARY 28, 1999

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

DEC Technologies, Inc. 501 Industrial Park Road Piney Flats, Tennessee 37686

Part Name Shaft	Part Number DEC31-017-501	Approved Replacement For Airesearch	FAA Approval Basis & Approved Design Data Identicality IAW 14 CFR	Installation Eligibility Boeing	<u>Model</u> 747
Assembly, Flexible	DEC31-017-301	P/N 121750-1	FAR 21.303(c)(4), Dwg. DEC31-017, No Rev. dated 11/04/98, or Later FAA Approval	C	DC-10 CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-018-501	Airesearch P/N 121762-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	Boeing CFM International	737 CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-503	Airesearch P/N 121762-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	Boeing CFM International	737 CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-505	Airesearch P/N 121762-3	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	CFM International	CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-507	Airesearch P/N 121762-4	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	CFM International	CFM56-2, -3 and -5

Part Name Shaft Assembly, Flexible	Part Number DEC31-045-501	Approved Replacement For Airesearch P/N 121178-1	FAA Approval Basis & Approved Design Data Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-045, No Rev. dated 11/04/98, or Later FAA Approval	Installation Eligibility Boeing	Model 747
Shaft Assembly, Flexible	DEC31-046-501	Airesearch P/N 121652-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-046, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-160-503	Airesearch P/N 121754-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-505	Airesearch P/N 121754-3	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-509	Airesearch P/N 121754-5	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-511	Airesearch P/N 121754-6	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-161-503	Airesearch P/N 121734-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Boeing Rolls Royce	747, 747-400 and 767 RB211

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Shaft Assembly, Flexible	DEC31-161-505	Airesearch P/N 121734-3	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated	Boeing	747, 747-400 and 767
			11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly,	DEC31-161-507	Airesearch P/N 121734-4	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg.	Boeing	747
Flexible			DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-161-509	Airesearch P/N 121734-5	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-161-511	Airesearch P/N 121734-6	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-162-501	Airesearch P/N 121184-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-162, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-162-503	Airesearch P/N 121184-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-162, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-163-505	Airesearch P/N 121196-3-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-163, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Shaft Assembly, Flexible	DEC31-164-501	Airesearch P/N 121728-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-164, No Rev. dated	Boeing	747 L-1011
riexiole			11/04/98, or Later FAA Approval	Rolls Royce	RB211
			Approvai	Rolls Royce	ND211
Shaft Assembly, Flexible	DEC31-165-503	Airesearch P/N 121388-2-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-165, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly,	DEC31-166-503	Airesearch P/N 121282-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg.	Boeing	747
Flexible		F/IN 121202-2	DEC31-166, No Rev. dated 11/04/98, or Later FAA	McDonnell Douglas	DC-10
			Approval	General Electric	CF6-6 and CF6-50
Shaft Assembly,	DEC31-166-505	Airesearch P/N 121282-3	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg.	Boeing	747
Flexible		1/11 121202 3	DEC31-166, No Rev. dated 11/04/98, or Later FAA	McDonnell Douglas	DC-10
			Approval	General Electric	CF6-6 and CF6-50
Shaft Assembly,	DEC31-166-513	Airesearch P/N 121282-7	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg.	Boeing	747
Flexible		F/N 121202-7	DEC31-166, No Rev. dated 11/04/98, or Later FAA	McDonnell Douglas	DC-10
			Approval	General Electric	CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-166-515	Airesearch P/N 121282-8	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	General Electric	CF6-80A

Part Name Shaft Assembly, Flexible	Part Number DEC31-166-517	Approved Replacement For Airesearch P/N 121282-9	FAA Approval Basis & Approved Design Data Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Installation Eligibility General Electric	Model CF6-80A
Shaft Assembly, Flexible	DEC31-166-519	Airesearch P/N 121282-10	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747, 747-400 and 767
Shaft Assembly, Flexible	DEC31-166-521	Airesearch P/N 121282-11	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747, 747-400 and 767

END OF LISTING

Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office



U.S. Department of Transportation Federal Aviation Administration Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center, Suite 475
1895 Phoenix Boulevard,
Atlanta, GA 30349

March 18, 2002

Revised: March 18, 2002

DEC Technologies, Inc. 501 Industrial Park Road Piney Flats, TN 37686

Project No. PQ1469CE

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Identicality submitted by DEC Technologies, Inc. with letter dated March18, 2002, meet the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that DEC Technologies, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 501 Industrial Park Road, Piney Flats, TN. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. **58R**.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated October 17, 1995, also apply to the enclosed PMA Listing-Supplement No. **58R**.

Should you have any questions regarding this matter, you may wish to direct them to Ms. Angelia D. Gann, at the Atlanta MIDO office, telephone (770) 703-6104.

Sincerely,

Jim Reeves

Angelia D. 1

Manager, Atlanta Manufacturing Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO. PQ1469CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 58R

DATED MARCH 5, 2002 REVISION DATE: MARCH 18, 2002

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

DEC Technologies, Inc. 501 Industrial Park Road Piney Flats, Tennessee 37686

Part Name Seal Assembly, Rotor	Part Number DEC61-050-501	Approved Re-placement for Part Number Hamilton Standard P/N's 728849-1 and 728849-2	Approval Basis And Approved Design Data Identicality per 14 CFR § 21.303 Dwg No: DEC61-050, Rev: A, Dated: 11/21/01 or later FAA approved revisions	Make Eligibility Boeing McDonnell Douglas	Model Eligibility 747 and 757 DC-10
Nozzle, Swirl- Primary	DEC21-008-501	General Electric P/N 1275M27P04	Identicality per 14 CFR § 21.303 <u>Dwg No:</u> DEC21-008, <u>Rev:</u> A, <u>Dated:</u> 10/07/95 or later FAA approved revisions	CFM International	CFM56-2, -2A, -2-C1, -2-C3, -3, -3-B1, -3B, -3B-2, -3C, -3C-1, -5A1, -5A3, -5A1/F, -5B1, -5B2, -5B1/2, -5B2/2, -5B4/2, -5C2/C3, -5C2/C3F, -5C2/C3/G, -5C4
Shaft Assembly, Flexible	DEC31-160-503	Airesearch P/N 121754-2	Identicality per 14 CFR § 21.303 <u>Dwg No:</u> DEC31-160, <u>Rev:</u> A, <u>Dated:</u> 11/27/01 or later FAA approved revisions	Bombardier	CL600-1A11 (CL600); CL600-2A12 (CL601); CL600-2B16 (CL601-3A, CL601-3R & CL604); CL600-2B19 (Regional Jet Series 100)
Shaft Assembly, Flexible	DEC31-160-505	Airesearch P/N 121754-3	Identicality per 14 CFR § 21.303 <u>Dwg No:</u> DEC31-160, <u>Rev:</u> A, <u>Dated:</u> 11/27/01 or later FAA approved revisions	Bombardier	CL600-1A11 (CL600); CL600-2A12 (CL601); CL600-2B16 (CL601-3A, CL601-3R & CL604); CL600-2B19 (Regional Jet Series 100)

Part Name Shaft Assembly, Flexible	Part Number DEC31-160-509	Approved Re-placement for Part Number Airesearch P/N 121754-5	Approval Basis And Approved Design Data Identicality per 14 CFR § 21.303 Dwg No: DEC31-160, Rev: A, Dated: 11/27/01 or later FAA approved revisions	Make Eligibility Bombardier	Model Eligibility CL600-1A11 (CL600); CL600-2A12 (CL601); CL600-2B16 (CL601-3A, CL601-3R & CL604); CL600-2B19 (Regional Jet Series 100)
Part Name Shaft Assembly, Flexible	Part Number DEC31-160-511	Approved Re-placement for Part Number Airesearch P/N 121754-6	Approval Basis And Approved Design Data Identicality per 14 CFR § 21.303 Dwg No: DEC31-160, Rev: A. Dated: 11/27/01 or later FAA approved revisions	Make Eligibility Bombardier	Model Eligibility CL600-1A11 (CL600); CL600-2A12 (CL601); CL600-2B16 (CL601-3A, CL601-3R & CL604); CL600-2B19 (Regional Jet Series 100)

-END OF LISTING-

NOTE: Minor design changes (reference 14 CFR Part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR Part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

Jim Řeeves

Manager, Atlanta Manufacturing

Inspection District Office