

95-10-16, amendment 39-9233, are not considered to be approved as alternative methods of compliance with this AD.

**Note 3:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

(m) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

(n) Except as provided by paragraphs (a)(2), (c), (d)(1), (d)(1)(ii), (d)(2), (g), (h)(1)(ii), (h)(2), (h)(2)(i), and (k) of this AD, the inspections, rework, and reseat shall be done in accordance with Boeing Alert Service Bulletin 747-54A2126, Revision 5, dated June 26, 1997; Boeing Service Bulletin 747-54A2126, Revision 6, dated August 28, 1997; or Boeing Alert Service Bulletin 747-54A2126, Revision 7, dated November 20, 1998.

(1) The incorporation by reference of Boeing Alert Service Bulletin 747-54A2126, Revision 5, dated June 26, 1997, was approved previously by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51, as of September 29, 1997 (62 FR 47927, September 12, 1997).

(2) The incorporation by reference of Boeing Service Bulletin 747-54A2126, Revision 6, dated August 28, 1997; and Boeing Alert Service Bulletin 747-54A2126, Revision 7, dated November 20, 1998; is approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207.

(3) Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(o) This amendment becomes effective on January 15, 1999.

Issued in Renton, Washington, on December 23, 1998.

**Darrell M. Pederson,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 98-34676 Filed 12-30-98; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 98-ANE-77-AD; Amendment 39-10975; AD 99-01-08]

RIN 2120-AA64

#### **Airworthiness Directives; Pratt & Whitney JT8D and JT3D Series Turbofan Engines**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD) that is applicable to Pratt & Whitney (PW) JT8D and JT3D series turbofan engines. This action requires operators to remove and replace with serviceable parts, certain stage 7 through stage 15 high-pressure compressor (HPC) disks identified by part number and serial number. This amendment is prompted by a report of an uncontained failure of a stage 8 HPC disk during a takeoff roll that resulted in damage to the airplane. The actions specified in this AD are intended to prevent the failure of a high-pressure compressor disk due to Cadmium embrittlement, resulting in uncontained engine failure and damage to the airplane.

**DATES:** Effective January 5, 1999.

Comments for inclusion in the Rules Docket must be received on or before March 1, 1999.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 98-ANE-77-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may also be sent via the Internet using the following address: "9-ad-engineprop@faa.gov". Comments sent via the Internet must contain the docket number in the subject line.

The service information referenced in this AD may be obtained from Pratt & Whitney, 400 Main St., East Hartford, CT 06108; telephone (860) 565-6600, fax (860) 565-4503. This information may be examined at the FAA, New England Region, Office of the Regional Counsel, Burlington, MA.

#### **FOR FURTHER INFORMATION CONTACT:**

Christopher Spinney, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7175, fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** The Federal Aviation Administration (FAA) has received a report of an uncontained failure of a stage 8 high-pressure compressor (HPC) disk, part number (P/N) 787008, installed on a Pratt & Whitney (PW) JT8D-9 turbofan engine. The laboratory testing revealed that the disk failed as a result of Cadmium embrittlement. Nickel-Cadmium (NiCd) coatings are used on JT8D and JT3D steel disks to inhibit corrosion. The coating process consists of many steps, the most fundamental of which are the electrolytic deposition of a Nickel base

layer followed eventually by the electrolytic deposition of a Cadmium layer. The part is then baked in an oven. During the bake cycle the Nickel layer diffuses into the Cadmium which creates an alloy with a higher melting temperature than pure Cadmium and immobilizes the Cadmium to prevent the liquid metal embrittlement of the steel part. The Cadmium rich outer layer acts as the corrosion inhibitor. The diffused Nickel acts to immobilize the Cadmium and prevent Cadmium embrittlement of the steel. If the Nickel plating is not applied with sufficient thickness during the NiCd plating process, the undiffused Cadmium can attack the grain boundaries of the base metal. Failure results when the disk is exposed to engine operating temperatures and stresses. Analysis of this and other Cadmium embrittlement failures indicates that a disk exposed to Cadmium embrittlement will likely fail within 500 hours time-in-service (TIS). Based on the risks associated with a process anomaly at the repair facility that plated the disk, the FAA has determined that action is required to remove a number of disks plated at that facility since February 1996. The disks most at risk are those disks which have accumulated less than 500 hours TIS since they were last plated. Disks which have accumulated more than 500 hours TIS since plating will not be recalled by this AD. The FAA has identified stage 7 through stage 15 HPC disks by P/N and serial number (S/N) that have been NiCd plated by the repair facility from February 1996 through October 1998. This condition, if not corrected, could result in the failure of a high-pressure compressor disk due to Cadmium embrittlement, resulting in uncontained engine failure and damage to the airplane.

Since an unsafe condition has been identified that is likely to exist or develop on other engines of the same type design, this AD is being issued to prevent the failure of a high-pressure compressor disk due to Cadmium embrittlement, resulting in uncontained engine failure and damage to the airplane. This AD requires removal and replacement of certain part-numbered and serial-numbered stage 7 through stage 15 HPC disks with serviceable parts.

Since a situation exists that requires the immediate adoption of this regulation, it is found that notice and opportunity for prior public comment hereon are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

**Comments Invited**

Although this action is in the form of a final rule that involves requirements affecting flight safety and, thus, was not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the Rules Docket number and be submitted in triplicate to the address specified under the caption **ADDRESSES**. All communications received on or before the closing date for comments will be considered, and this rule may be amended in light of the comments received. Factual information that supports the commenter's ideas and suggestions is extremely helpful in evaluating the effectiveness of the AD action and determining whether additional rulemaking action would be needed.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report that summarizes each FAA-public contact concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 98-ANE-77-AD." The postcard will be date stamped and returned to the commenter.

The regulations adopted herein will not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, in accordance with Executive Order 12612, it is determined that this final rule does not have sufficient federalism implications to warrant the preparation of a Federalism Assessment.

The FAA has determined that this regulation is an emergency regulation that must be issued immediately to correct an unsafe condition in aircraft, and is not a "significant regulatory action" under Executive Order 12866. It has been determined further that this action involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034, February 26,

1979). If it is determined that this emergency regulation otherwise would be significant under DOT Regulatory Policies and Procedures, a final regulatory evaluation will be prepared and placed in the Rules Docket. A copy of it, if filed, may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Safety.

**Adoption of the Amendment**

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

2. Section 39.13 is amended by adding the following new airworthiness directive:

99-01-08 Pratt & Whitney: Amendment 39-10975. Docket 98-ANE-77-AD.

**Applicability:** Pratt & Whitney (PW) JT8D and JT3D series turbofan engines, with stage 7 through stage 15 high-pressure compressor (HPC) disks installed, identified by part number (P/N) and serial number (S/N) specified in Appendix 1. These engines are installed on but not limited to the following aircraft: Boeing 707, 727, and 737 series airplanes and McDonnell Douglas DC-8, DC-9, and MD-80 series airplanes.

**Appendix 1**

DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)

Stage	Disk part No.	Disk serial No.
7 .....	701407	7A7271
7 .....	701507	4Z2030
7 .....	701507	4Z2122
7 .....	701507	8Z6454
7 .....	766007	8B5265
7 .....	774407	B207AA0307
7 .....	774407	B207AA0350
7 .....	774407	B207AA0379
7 .....	774407	B207AA0578
7 .....	774407	B207AA0643
7 .....	774407	BENCAH1353
7 .....	774407	BENCAH2320
7 .....	774407	BENCAH2327
7 .....	774407	BENCAH2851
7 .....	774407	BENCAH4091
7 .....	774407	BENCAJ8414
7 .....	774407	BENCAJ8440

DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
7 .....	774407	BENCAK1631
7 .....	774407	BENCAK1684
7 .....	774407	BENCAK5135
7 .....	774407	BENCAK6623
7 .....	774407	BENCAK6643
7 .....	774407	BENCAK8115
7 .....	774407	H19093
7 .....	774407	H19026
7 .....	774407	H29904
7 .....	774407	J17128
7 .....	774407	J17407
7 .....	774407	J39120
7 .....	774407	J72011
7 .....	774407	J72132
7 .....	774407	K20050
7 .....	774407	K20167
7 .....	774407	K78491
7 .....	774407	L72139
7 .....	774407	M15364
7 .....	774407	M15368
7 .....	774407	M77985
7 .....	774407	M83784
7 .....	774407	M93463
7 .....	774407	N14127
7 .....	774407	N14190
7 .....	774407	N14213
7 .....	774407	N24114
7 .....	774407	N23978
7 .....	774407	N24091
7 .....	774407	N37879
7 .....	774407	N37919
7 .....	774407	N70390
7 .....	774407	N88161
7 .....	774407	N88195
7 .....	774407	N88335
7 .....	774407	N88342
7 .....	774407	N94974
7 .....	774407	N95036
7 .....	774407	P14716
7 .....	774407	P14741
7 .....	774407	P35486
7 .....	774407	P54563
7 .....	774407	P60347
7 .....	774407	P60394
7 .....	774407	P60446
7 .....	774407	P70328
7 .....	774407	P81247
7 .....	774407	P81253
7 .....	774407	P81392
7 .....	774407	P81399
7 .....	774407	P86295
7 .....	774407	P86311
7 .....	774407	R03089
7 .....	774407	R12413
7 .....	774407	R12418
7 .....	774407	R12549
7 .....	774407	R12557
7 .....	774407	R19365
7 .....	774407	R31290
7 .....	774407	R31411
7 .....	774407	R37414
7 .....	774407	R37520
7 .....	774407	R37554
7 .....	774407	R46834
7 .....	774407	R46893
7 .....	774407	R46918
7 .....	774407	R46943
7 .....	774407	R47019
7 .....	774407	R72171

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
7 .....	774407	R72257
7 .....	774407	S05566
7 .....	774407	S05610
7 .....	774407	S05659
7 .....	774407	S10014
7 .....	774407	S10050
7 .....	774407	S13885
7 .....	774407	S13910
7 .....	774407	S14048
7 .....	774407	S14063
7 .....	774407	S14088
7 .....	774407	S14173
7 .....	774407	S36633
7 .....	774407	S36810
7 .....	774407	S36857
7 .....	774407	S37128
7 .....	774407	S37149
7 .....	774407	S37168
7 .....	774407	S37187
7 .....	774407	S37312
7 .....	774407	S37367
7 .....	774407	S37389
7 .....	774407	S37420
7 .....	774407	S37469
7 .....	774407	S37498
7 .....	774407	T04409
7 .....	774407	T04526
7 .....	774407	T04566
7 .....	774407	T04615
7 .....	774407	T04632
7 .....	774407	T04898
7 .....	774407	T04899
7 .....	774407	T04988
7 .....	774407	T05055
7 .....	774407	T05106
7 .....	5006007-01	B207AA0068
7 .....	5006007-01	B207AA0693
7 .....	5006007-01	BENCAH0061
7 .....	5006007-01	BENCAH3134
7 .....	5006007-01	BENCAJ8558
7 .....	5006007-01	BENCAJ8594
7 .....	5006007-01	BENCAL0749
7 .....	5006007-01	BENCAL2650
7 .....	5006007-01	R54586
7 .....	5006007-01	R79450
7 .....	5006007-01	S11202
7 .....	5006007-01	S11206
7 .....	5006007-01	S57118
7 .....	5006007-01	S57216
7 .....	5006007-01	S57519
7 .....	5006007-02	BENCAK9643
7 .....	5006007-02	BENCAK9690
7 .....	5006007-02	BENCAK9697
7 .....	5006007-02	BENCAK9705
7 .....	5006007-02	BENCAK9723
7 .....	5006007-02	BENCAL3657
7 .....	5006007-02	BENCAL5478
7 .....	774407	BENCAH0521
7 .....	774407	BENCAJ8454
7 .....	774407	R57626
7 .....	774407	T04885
8 .....	738308	9B1363
8 .....	738308	H03990
8 .....	748608	7A9608
8 .....	748608	7B9489
8 .....	748608	8B0397
8 .....	748608	B208AA0030
8 .....	748608	B208AA0045
8 .....	748608	B208AA0070

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
8 .....	748608	BENCAJ8185
8 .....	748608	G30014
8 .....	748608	G62624
8 .....	748608	G63907
8 .....	748608	H29599
8 .....	748608	H35085
8 .....	748608	H64390
8 .....	748608	H84992
8 .....	748608	H86520
8 .....	748608	J29857
8 .....	748608	J29958
8 .....	748608	J57418
8 .....	748608	J57426
8 .....	748608	J57469
8 .....	748608	J57532
8 .....	748608	J57660
8 .....	748608	J57663
8 .....	748608	J94763
8 .....	748608	J94815
8 .....	748608	M54646
8 .....	748608	M54770
8 .....	748608	M54821
8 .....	748608	M54843
8 .....	748608	N14562
8 .....	748608	N14765
8 .....	748608	N84308
8 .....	748608	N84314
8 .....	748608	N84317
8 .....	748608	N84319
8 .....	748608	N84373
8 .....	748608	N84418
8 .....	748608	P26025
8 .....	748608	P26136
8 .....	748608	P26153
8 .....	748608	P26171
8 .....	748608	P28471
8 .....	748608	P28530
8 .....	748608	P28534
8 .....	748608	P28564
8 .....	748608	P28596
8 .....	748608	P28607
8 .....	748608	P83853
8 .....	748608	P94736
8 .....	748608	P98927
8 .....	748608	R18995
8 .....	748608	R46153
8 .....	748608	R73850
8 .....	748608	S01136
8 .....	748608	S01153
8 .....	748608	S01185
8 .....	748608	S50692
8 .....	748608	S50748
8 .....	748608	S78016
8 .....	748608	S78066
8 .....	748608	S78128
8 .....	787008	K51696
8 .....	787008	K52389
8 .....	787008	L61543
8 .....	787008	M76852
8 .....	787008	M77423
8 .....	787008	M77749
8 .....	787008	M77791
8 .....	787008	N33354
8 .....	787008	N33408
8 .....	787008	N33702
8 .....	787008	N33760
8 .....	787008	N89060
8 .....	787008	N89386
8 .....	787008	N90133

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
8 .....	787008	N90152
8 .....	787008F	N89050
8 .....	787208	B228AA0194
8 .....	787208	B228AA0343
8 .....	787208	B228AA0371
8 .....	787208	B228AA0540
8 .....	787208	B228AA0574
8 .....	787208	B228AA0605
8 .....	787208	BENCAH4505
8 .....	787208	BENCAH5428
8 .....	787208	BENCAH5435
8 .....	787208	BENCAJ5724
8 .....	787208	BENCAK0065
8 .....	787208	BENCAK0066
8 .....	787208	BENCAK6165
8 .....	787208	BENCAK6359
8 .....	787208	BENCAK8796
8 .....	787208	BENCAK9253
8 .....	787208	BENCAL1567
8 .....	787208	BENCAL1571
8 .....	787208	BENCAL1579
8 .....	787208	BENCAL1887
8 .....	787208	BENCAL3339
8 .....	787208	BENCAL5283
8 .....	787208	BENCAM0672
8 .....	787208	J47026
8 .....	787208	K12730
8 .....	787208	N06609
8 .....	787208	N89709
8 .....	787208	P43644
8 .....	787208	P43665
8 .....	787208	P43897
8 .....	787208	P43936
8 .....	787208	P43950
8 .....	787208	P43954
8 .....	787208	P44141
8 .....	787208	P44694
8 .....	787208	P45378
8 .....	787208	P45593
8 .....	787208	R23192
8 .....	787208	R23234
8 .....	787208	R23450
8 .....	787208	R23452
8 .....	787208	R23569
8 .....	787208	R23837
8 .....	787208	R24172
8 .....	787208	R24201
8 .....	787208	R24205
8 .....	787208	R24390
8 .....	787208	R24599
8 .....	787208	R24827
8 .....	787208	R91709
8 .....	787208	S07732
8 .....	787208	S39110
8 .....	787208	S39281
8 .....	787208	S39337
8 .....	787208	S39409
8 .....	787208	S39410
8 .....	787208	S39487
8 .....	787208	S39509
8 .....	787208	S39534
8 .....	787208	S39633
8 .....	787208	S39676
8 .....	787208	S39721
8 .....	787208	S39942
8 .....	787208	S39963
8 .....	787208	S39966
8 .....	787208	S40033
8 .....	787208	S40041

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
8 .....	788608	H36177
8 .....	788708	7A2254
8 .....	789508	G51990
8 .....	789608	J46995
8 .....	792038	B228AA0331
8 .....	792038	B228AA0511
8 .....	792038	B228AA1005
8 .....	792038	BENCAJ8854
8 .....	792038	BENCAJ8871
8 .....	796348	K53240
8 .....	797938	BENCAL2605
8 .....	5005808-01	B228AA0901
8 .....	5005808-01	BENCAJ1138
8 .....	5005808-01	BENCAJ8902
8 .....	5005808-01	S70327
9 .....	628209	5X8746
9 .....	701509	8Z5256
9 .....	701509	9A6145
9 .....	701509	H86825
9 .....	701509	J00245
9 .....	701509	J25666
9 .....	701509	J87515
9 .....	701509	J89031
9 .....	701509	K34309
9 .....	701509	K35061
9 .....	701509	K55559
9 .....	701509	K85824
9 .....	701509	L31209
9 .....	701509	L31751
9 .....	701509	L55770
9 .....	701509	M10469
9 .....	701509	M40027
9 .....	701509	M49712
9 .....	701509	M61566
9 .....	701509	M84762
9 .....	701509	M86342
9 .....	701509	M86842
9 .....	701509	M86844
9 .....	701509	N02758
9 .....	701509	N02994
9 .....	701509	N209AA0006
9 .....	701509	N209AA0080
9 .....	701509	N209AA0091
9 .....	701509	N209AA0094
9 .....	701509	N209AA0255
9 .....	701509	N209AA0339
9 .....	701509	N209AA0352
9 .....	701509	N209AA0561
9 .....	701509	N21068
9 .....	701509	N21507
9 .....	701509	N21508
9 .....	701509	N22475
9 .....	701509	N22570
9 .....	701509	N22591
9 .....	701509	N41297
9 .....	701509	N42662
9 .....	701509	N57120
9 .....	701509	N79874
9 .....	701509	N79893
9 .....	701509	N81317
9 .....	701509	N97653
9 .....	701509	NENCAH0017
9 .....	701509	NENCAH0187
9 .....	701509	NENCAH0192
9 .....	701509	NENCAH0222
9 .....	701509	NENCAH0269
9 .....	701509	NENCAH0280
9 .....	701509	NENCAH0337
9 .....	701509	NENCAH0422

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
9 .....	701509	NENCAH0445
9 .....	701509	NENCAH0451
9 .....	701509	NENCAH0593
9 .....	701509	NENCAH0737
9 .....	701509	NENCAH0757
9 .....	701509	NENCAH0913
9 .....	701509	NENCAH0920
9 .....	701509	NENCAH1014
9 .....	701509	NENCAH1227
9 .....	701509	NENCAH1357
9 .....	701509	NENCAH1430
9 .....	701509	P11360
9 .....	701509	P11370
9 .....	701509	P11443
9 .....	701509	P11450
9 .....	701509	P12878
9 .....	701509	P51572
9 .....	701509	P52444
9 .....	701509	P52971
9 .....	701509	P53248
9 .....	701509	P77028
9 .....	701509	P77207
9 .....	701509	P78457
9 .....	701509	P97645
9 .....	701509	P98143
9 .....	701509	P98661
9 .....	701509	P98961
9 .....	701509	P98991
9 .....	701509	R17442
9 .....	701509	R18113
9 .....	701509	R45676
9 .....	701509	R46466
9 .....	701509	R72941
9 .....	701509	R73009
9 .....	701509	R73013
9 .....	701509	R73420
9 .....	701509	R73464
9 .....	701509	R73467
9 .....	701509	R73804
9 .....	701509	R73934
9 .....	701509	S00689
9 .....	701509	S00741
9 .....	701509	S00777
9 .....	701509	S00798
9 .....	701509	S18975
9 .....	701509	S19201
9 .....	701509	S50490
9 .....	701509	S77602
9 .....	701509	S77616
9 .....	701509	S77651
9 .....	739509	G79836
9 .....	772509	H49185
9 .....	772509	K56788
9 .....	772509	P97497
9 .....	772509	R73983
9 .....	772509	S01209
9 .....	772509	S50832
9 .....	798509	B209AA0539
9 .....	798509	BENCAH3770
9 .....	798509	BENCAJ9383
9 .....	798509	BENCAK9880
9 .....	798509	BENCAL0717
9 .....	798509	BENCAL0703
9 .....	798509	BENCAL2372
9 .....	798509	BENCAL6305
9 .....	701509	BENCAH0448
9 .....	701509N	R18236
9 .....	772509	K23767
9 .....	798509	BENCAJ9360

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
9 .....	798509	P53159
10 .....	701410	7Z0800
10 .....	701410	7Z0806
10 .....	701810	0A0377
10 .....	701810	3B8966
10 .....	701810	3B9144
10 .....	701810	9Z9847
10 .....	701810	A00862
10 .....	701810	H39339
10 .....	701810	H60642
10 .....	701810	R22292
10 .....	701810G	G82663
10 .....	770510	4B4921
10 .....	770510	G80187
10 .....	772510	B210AA0014
10 .....	772510	B210AA0202
10 .....	772510	B210AA0273
10 .....	772510	B210AA0637
10 .....	772510	B210AA0640
10 .....	772510	B210AA0749
10 .....	772510	B210AA0752
10 .....	772510	B210AA0429
10 .....	772510	BENCAH0251
10 .....	772510	BENCAH1404
10 .....	772510	BENCAJ9735
10 .....	772510	BENCAJ9784
10 .....	772510	BENCAJ9868
10 .....	772510	BENCAK5318
10 .....	772510	BENCAK5762
10 .....	772510	BENCAK5946
10 .....	772510	BENCAK9105
10 .....	772510	BENCAL0388
10 .....	772510	BENCAL1598
10 .....	772510	BENCAL1601
10 .....	772510	BENCAL2427
10 .....	772510	BENCAL4455
10 .....	772510	BENCAL5993
10 .....	772510	H34395
10 .....	772510	H58784
10 .....	772510	J23708
10 .....	772510	J68609
10 .....	772510	J87953
10 .....	772510	J88767
10 .....	772510	K03190
10 .....	772510	K03586
10 .....	772510	K24796
10 .....	772510	K25271
10 .....	772510	K35625
10 .....	772510	K55848
10 .....	772510	K66100
10 .....	772510	K68068
10 .....	772510	K85468
10 .....	772510	L15000
10 .....	772510	L56873
10 .....	772510	L84428
10 .....	772510	L86007
10 .....	772510	M10049
10 .....	772510	M10613
10 .....	772510	M39974
10 .....	772510	M56263
10 .....	772510	M61659
10 .....	772510	M84606
10 .....	772510	M87097
10 .....	772510	N03907
10 .....	772510	N02538
10 .....	772510	N02778
10 .....	772510	N03133
10 .....	772510	N21767
10 .....	772510	N22275

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
10 .....	772510	N41185
10 .....	772510	N41208
10 .....	772510	N41484
10 .....	772510	N41613
10 .....	772510	N42094
10 .....	772510	N42143
10 .....	772510	N42187
10 .....	772510	N42838
10 .....	772510	N57150
10 .....	772510	N57830
10 .....	772510	N57862
10 .....	772510	N80227
10 .....	772510	N80661
10 .....	772510	N80671
10 .....	772510	N81136
10 .....	772510	N81150
10 .....	772510	N81454
10 .....	772510	N81456
10 .....	772510	P11024
10 .....	772510	P11818
10 .....	772510	P11869
10 .....	772510	P12016
10 .....	772510	P12811
10 .....	772510	P51804
10 .....	772510	P51873
10 .....	772510	P52670
10 .....	772510	P53019
10 .....	772510	P53213
10 .....	772510	P76639
10 .....	772510	P77620
10 .....	772510	P77862
10 .....	772510	P78050
10 .....	772510	P97278
10 .....	772510	P98630
10 .....	772510	R17507
10 .....	772510	R18502
10 .....	772510	R18520
10 .....	772510	R44856
10 .....	772510	R44861
10 .....	772510	R44864
10 .....	772510	R45159
10 .....	772510	R46345
10 .....	772510	R72614
10 .....	772510	R72630
10 .....	772510	R72884
10 .....	772510	R73138
10 .....	772510	R73408
10 .....	772510	R73612
10 .....	772510	R73617
10 .....	772510	R73862
10 .....	772510	S01349
10 .....	772510	S01364
10 .....	772510	S01365
10 .....	772510	S01406
10 .....	772510	S01463
10 .....	772510	S01486
10 .....	772510	S19301
10 .....	772510	S19305
10 .....	772510	S19487
10 .....	772510	S19630
10 .....	772510	S50981
10 .....	772510	S51203
10 .....	772510	S70220
10 .....	772510	S78451
10 .....	772510	S78492
10 .....	772510	S78780
10 .....	772510	T18947
10 .....	772510	T19138
10 .....	772510	T19153

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
10 .....	772510	T49020
10 .....	772510	BENCAJ9732
10 .....	772510	N81125
10 .....	772510	S70249
11 .....	701411	2B3335
11 .....	701411	6Y6265
11 .....	701411	6Y7124
11 .....	701411	9Y4723
11 .....	701811	A03782
11 .....	701811	G33309
11 .....	701811	H24029
11 .....	701811	J28340
11 .....	701811D	5A8129
11 .....	772511	B211AA0058
11 .....	772511	B211AA0106
11 .....	772511	B211AA0119
11 .....	772511	B211AA0240
11 .....	772511	B211AA0621
11 .....	772511	B211AA0744
11 .....	772511	B211AA0944
11 .....	772511	B211AA1224
11 .....	772511	B211AA1227
11 .....	772511	BENCAH4040
11 .....	772511	BENCAK0466
11 .....	772511	BENCAK7376
11 .....	772511	BENCAK7377
11 .....	772511	BENCAK7378
11 .....	772511	BENCAK7391
11 .....	772511	BENCAK7432
11 .....	772511	BENCAK7436
11 .....	772511	BENCAK7449
11 .....	772511	BENCAK7493
11 .....	772511	BENCAK7517
11 .....	772511	BENCAL2882
11 .....	772511	BENCAL2903
11 .....	772511	BENCAL3047
11 .....	772511	BENCAL3107
11 .....	772511	J23871
11 .....	772511	J60159
11 .....	772511	J60844
11 .....	772511	J88645
11 .....	772511	K23851
11 .....	772511	K25421
11 .....	772511	K34786
11 .....	772511	K35678
11 .....	772511	K56219
11 .....	772511	K86641
11 .....	772511	L30533
11 .....	772511	L31909
11 .....	772511	L84584
11 .....	772511	L85406
11 .....	772511	LI4848
11 .....	772511	M39922
11 .....	772511	M40288
11 .....	772511	M49491
11 .....	772511	M61348
11 .....	772511	M73855
11 .....	772511	M86390
11 .....	772511	N21317
11 .....	772511	N02565
11 .....	772511	N02849
11 .....	772511	N03254
11 .....	772511	N03566
11 .....	772511	N03749
11 .....	772511	N03884
11 .....	772511	N21373
11 .....	772511	N21747
11 .....	772511	N22005
11 .....	772511	N22023

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
11 .....	772511	N22361
11 .....	772511	N22749
11 .....	772511	N41265
11 .....	772511	N41900
11 .....	772511	N42762
11 .....	772511	N56596
11 .....	772511	N57211
11 .....	772511	N57249
11 .....	772511	N57915
11 .....	772511	N98569
11 .....	772511	N98918
11 .....	772511	N99538
11 .....	772511	P10980
11 .....	772511	P11984
11 .....	772511	P12374
11 .....	772511	P12389
11 .....	772511	P12900
11 .....	772511	P51911
11 .....	772511	P52733
11 .....	772511	P53057
11 .....	772511	P66436
11 .....	772511	P77051
11 .....	772511	P77157
11 .....	772511	P77977
11 .....	772511	P78064
11 .....	772511	P78528
11 .....	772511	P78566
11 .....	772511	R05712
11 .....	772511	R18713
11 .....	772511	R29689
11 .....	772511	R29849
11 .....	772511	R29855
11 .....	772511	R29858
11 .....	772511	R29957
11 .....	772511	R30079
11 .....	772511	R30091
11 .....	772511	R30098
11 .....	772511	R30396
11 .....	772511	R30540
11 .....	772511	R30753
11 .....	772511	R30778
11 .....	772511	R31032
11 .....	772511	R44897
11 .....	772511	R45822
11 .....	772511	R46094
11 .....	772511	R46488
11 .....	772511	S03919
11 .....	772511	S03920
11 .....	772511	S04110
11 .....	772511	S04209
11 .....	772511	S04340
11 .....	772511	S04487
11 .....	772511	S04565
11 .....	772511	S04576
11 .....	772511	S04601
11 .....	772511	S04625
11 .....	772511	S80671
11 .....	772511	S80726
11 .....	772511	S80801
11 .....	772511	S80817
11 .....	772511	S80830
11 .....	772511	T22255
11 .....	772511	T22427
11 .....	772511	T22430
11 .....	772511	T22433
11 .....	772511	T22695
11 .....	772511	T22711
11 .....	772511	T23028
11 .....	772511	B211AA0681

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
11 .....	772511	N97343
11 .....	772511H	S03892
11 .....	772511M	B211AA0066
11 .....	772511M	B211AA0584
12 .....	414212HC	5L5355
12 .....	701412	1Z5717
12 .....	701412	5Y5915
12 .....	701812	1Z7175
12 .....	701812	3A3910
12 .....	701812	A02080
12 .....	701812	H62635
12 .....	701812	N28026
12 .....	701812D	G93483
12 .....	717312	2B3418
12 .....	717312	G15036
12 .....	717312	G29488
12 .....	717312	G63557
12 .....	769312	1Z5153
12 .....	772512	H34015
12 .....	772512	H77074
12 .....	772512	J24654
12 .....	772512	J38490
12 .....	772512	J59514
12 .....	772512	K02314
12 .....	772512	K24837
12 .....	772512	K55637
12 .....	772512	K55648
12 .....	772512	K86189
12 .....	772512	L15523
12 .....	772512	L30268
12 .....	772512	L30307
12 .....	772512	L31553
12 .....	772512	L56280
12 .....	772512	L56328
12 .....	772512	L84937
12 .....	772512	L86244
12 .....	772512	M86432
12 .....	772512	M10163
12 .....	772512	M10415
12 .....	772512	M10948
12 .....	772512	M11260
12 .....	772512	M11282
12 .....	772512	M40263
12 .....	772512	M48887
12 .....	772512	M49046
12 .....	772512	M49595
12 .....	772512	M61285
12 .....	772512	M61856
12 .....	772512	M61955
12 .....	772512	M84903
12 .....	772512	M86222
12 .....	772512	N02391
12 .....	772512	N02431
12 .....	772512	N02488
12 .....	772512	N03222
12 .....	772512	N03686
12 .....	772512	N22344
12 .....	772512	N22883
12 .....	772512	N41245
12 .....	772512	N41249
12 .....	772512	N41463
12 .....	772512	N57445
12 .....	772512	N57460
12 .....	772512	N58065
12 .....	772512	N58102
12 .....	772512	N58109
12 .....	772512	N58117
12 .....	772512	N80256
12 .....	772512	N81365

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
12 .....	772512	N97115
12 .....	772512	N97124
12 .....	772512	N97457
12 .....	772512	N98208
12 .....	772512	N98222
12 .....	772512	N99001
12 .....	772512	N99066
12 .....	772512	P11199
12 .....	772512	P12270
12 .....	772512	P12312
12 .....	772512	P51405
12 .....	772512	P51433
12 .....	772512	P51437
12 .....	772512	P52633
12 .....	772512	P53139
12 .....	772512	P53173
12 .....	772512	P77109
12 .....	772512	P77978
12 .....	772512	P78005
12 .....	772512	P78202
12 .....	772512	P97472
12 .....	772512	P98163
12 .....	772512	P98509
12 .....	772512	P98706
12 .....	772512	P98876
12 .....	772512	R17547
12 .....	772512	R18000
12 .....	772512	R18009
12 .....	772512	R18395
12 .....	772512	R18404
12 .....	772512	R19046
12 .....	772512	R19047
12 .....	772512	R45120
12 .....	772512	R45947
12 .....	772512	R46042
12 .....	772512	R46055
12 .....	772512	R73153
12 .....	772512	R73459
12 .....	772512	R73782
12 .....	772512	R74102
12 .....	772512	R74120
12 .....	772512	R74356
12 .....	772512	R74528
12 .....	772512	S01701
12 .....	772512	S01720
12 .....	772512	S01963
12 .....	772512	S02019
12 .....	772512	S51348
12 .....	772512	S51376
12 .....	772512	S51391
12 .....	772512	S51490
12 .....	772512	S51499
12 .....	772512	S51540
12 .....	772512	S51542
12 .....	772512	S78919
12 .....	772512	S78924
12 .....	798512	B212AA0948
12 .....	798512	B212AA0032
12 .....	798512	B212AA0209
12 .....	798512	B212AA0234
12 .....	798512	B212AA0255
12 .....	798512	B212AA0276
12 .....	798512	B212AA0283
12 .....	798512	B212AA0436
12 .....	798512	B212AA0439
12 .....	798512	B212AA0442
12 .....	798512	B212AA0497
12 .....	798512	B212AA0739
12 .....	798512	B212AA0788

## DISK PART NUMBER AND SERIAL NUMBER (SORTED BY DISK PART NUMBER)—Continued

Stage	Disk part No.	Disk serial No.
12 .....	798512	B212AA0808
12 .....	798512	B212AA0826
12 .....	798512	B212AA1042
12 .....	798512	BENCAH1745
12 .....	798512	BENCAH2182
12 .....	798512	BENCAJ9560
12 .....	798512	BENCAJ9619
12 .....	798512	BENCAJ9680
12 .....	798512	BENCAK8619
12 .....	798512	BENCAK9455
12 .....	798512	BENCAL0437
12 .....	798512	BENCAL0445
12 .....	798512	BENCAL0446
12 .....	798512	BENCAL0450
12 .....	798512	BENCAL2451
12 .....	798512	BENCAL2462
12 .....	798512	BENCAL5111
12 .....	798512	BENCAL6030
12 .....	798512	R46125
12 .....	798512	S94444
12 .....	798512	S94463
12 .....	798512	S94550
12 .....	798512	T19384
12 .....	798512	T28481
12 .....	798512	T28560
12 .....	798512	T28581
12 .....	798512	T43085
12 .....	772512	N97437
12 .....	772512G	S02004
12 .....	798512	BENCAJ9509
12 .....	798512	BENCAL2313
12 .....	798512	BENCAL6575
13 .....	701813	9B6665
13 .....	701813	G92924
13 .....	701813	H10764
13 .....	701813	H63434
13 .....	701813	H63596
13 .....	701813E	H40915
13 .....	762413	T02660
14 .....	750414	H91643
14 .....	750414	H92945
14 .....	750414	N68876
14 .....	750414	P95479
14 .....	750414	T39660
15 .....	750115	H530181
15 .....	750415	J35404
15 .....	750415	S97819

**Note 1:** This airworthiness directive (AD) applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (b) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent the failure of a high-pressure compressor disk due to Cadmium embrittlement, resulting in uncontained engine failure and damage to the airplane, accomplish the following:

(a) Remove from service stage 7 through stage 15 high-pressure compressor (HPC) disks identified in Appendix 1 of this AD as follows:

(1) For disks with less than 250 hours time in service (TIS) since last NiCd plating, remove disk and replace with a serviceable part within 100 hours TIS after the effective date of this AD.

(2) For disks with greater than or equal to 250 hours and less than 500 hours TIS since last NiCd plating, remove disk and replace with a serviceable part within 150 hours TIS after the effective date of this AD.

(3) For disks with greater than or equal to 500 hours TIS since last NiCd plating no action is required.

(4) Disks removed from service in accordance with this AD are not eligible for installation in any engine.

(b) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Engine Certification Office. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Engine Certification Office.

**Note 2:** Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Engine Certification Office.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the record search requirements of this AD can be accomplished.

(d) This amendment becomes effective on January 5, 1999.

Issued in Burlington, Massachusetts, on December 23, 1998.

**David A. Downey,**

*Assistant Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

[FR Doc. 98-34706 Filed 12-30-98; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Airspace Docket No. 98-AEA-39]

#### Amendment to Class E Airspace; Wise, VA

**AGENCY:** Federal Aviation Administration (FAA) DOT.

**ACTION:** Final rule.

**SUMMARY:** This action amends Class E airspace extending upward from 700

feet above Ground Level (AGL) at Wise, VA. The development of new Standard Instrument Approach Procedures (SIAP) based on the Global Positioning System (GPS) and the Localizer (LOC) at Lonesome Pine Airport has made this action necessary. This action is intended to provide adequate Class E airspace for instrument flight rules (IFR) operations by aircraft executing the GPS RWY 6 SIAP, GPS RWY 24 SIAP and a LOC RWY 24 SIAP to Lonesome Pine Airport.

**EFFECTIVE DATE:** 0901 UTC, March 25, 1999.

**FOR FURTHER INFORMATION CONTACT:** Mr. Francis Jordan, Airspace Specialist, Airspace Branch, AEA-520, Air Traffic Division, Eastern Region, Federal Aviation Administration, Federal Building #111, John F. Kennedy International Airport, Jamaica, New York 11430, telephone: (718) 553-4521.

#### SUPPLEMENTARY INFORMATION:

##### History

On November 3, 1998, a notice proposing to amend Part 71 of the Federal Aviation Regulations (14 CFR Part 71) to amend the Class E airspace at Wise, VA, was published in the **Federal Register** (63 FR 59255). The development of a GPS RWY 6 SIAP, GPS RWY 24 and a LOC RWY 24 SIAP for Lonesome Pine Airport requires the amendment of the Class E airspace at Wise, VA. The notice proposed to amend controlled airspace extending upward from 700 feet AGL to contain IFR operations in controlled airspace during portions of the terminal operation and while transitioning between the enroute and terminal environments.

Interested parties were invited to participate in this rulemaking proceeding by submitting written comments on the proposal to the FAA. No comments to the proposal were received. The rule is adopted as proposed.

The coordinates for this airspace docket are based on North American Datum 83. Class E airspace areas designations for airspace extending upward from 700 feet AGL are published in paragraph 6005 of FAA Order 7400.9F, dated September 10, 1998, and effective September 16, 1998, which is incorporated by reference in 14 CFR 71.1. The Class E airspace designation listed in this document will be published subsequently in the Order.

##### The Rule

This amendment to Part 71 of the Federal Aviation Regulations (14 CFR Part 71) amends Class E airspace at

Wise, VA, to provide controlled airspace extending upward from 700 feet AGL for aircraft executing the GPS RWY 6 SIAP, GPS RWY 24 and LOC RWY 24 SIAP to Lonesome Pine Airport.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. Therefore, this regulation—(1) is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a Regulatory Evaluation as the anticipated impact is so minimal. Since this is a routine matter that will only affect air traffic procedures and air navigation it is certified that this rule will not have significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

#### List of Subjects in 14 CFR Part 71

Airspace, Incorporation by reference, Navigation (air).

#### Adoption of the Amendment

In consideration of the foregoing, the Federal Aviation Administration amends 14 CFR part 71 as follows:

#### PART 71—[AMENDED]

1. The authority citation for 14 CFR Part 71 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40103, 40113, 40120; EO 10854, 24 FR 9565, 3 CFR, 1959–1963 Comp., p. 389.

##### § 71.1 [Amended]

2. The incorporation by reference in 14 CFR 71.1 of Federal Aviation Administration Order 7400.9F, Airspace Designations and Reporting Points, dated September 10, 1998, and effective September 16, 1998, is amended as follows:

*Paragraph 6005 Class E airspace areas extending upward from 700 feet or more above the surface of the earth.*

\* \* \* \* \*

#### AEA VA E5 Wise, VA [Revised]

Lonesome Pine Airport, Wise, VA

(Lat. 36° 59' 15" N., long. 82° 31' 49" W.)

That airspace extending upward from 700 feet above the surface within an 10-mile radius of Lonesome Pine Airport.

\* \* \* \* \*

Issued in Jamaica, New York, on December 18, 1998.

**Franklin D. Hatfield,**

*Manager, Air Traffic Division, Eastern Region.*

[FR Doc. 98-34691 Filed 12-30-98; 8:45 am]

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