中国民用航空总局　　**CIVIL AVIATION ADMINISTRATION OF CHINA**

CAAC

适 航 指 令

AIRWORTHINESS　DIRECTIVE

本指令根据中国民用航空规章《民用航空器适航指令规定》（CCAR-39）颁发，内容涉及飞行安全，是强制性措施。如不按规定完成，有关航空器将不再适航。

编号：CAD1999-MULT-06　　　　　　　修正案号：39-2440

一．标题：　更换普惠 JT8D 发动机高压压气机盘

二．适用范围：

所有具有表1所列件号(P/N)和序列号(S/N)之高压压气机盘的普惠(PW)JT8D 涡扇发动机,这些发动机装于(但不限于)波音737系列和MD-80系列飞机。

三．参考文件：

FAA AD 99-01-08,39-10975,1998.12.31

四．原因、措施和规定

为防止由于镉脆(Cadmium embrittlement)现象造成高压压气机盘失效,导致发动机非包容性失效并损伤飞机,须完成下列工作(除非已事先完成):

1.按下述要求,对表1中所列的7-15级在用高压压气机盘进行更换:

(1)对于自上次做镍镉镀层(NiCd plating)后使用时间(TIS)不到250小时的盘,应在本指令生效后100使用小时内拆下,并换上可用件。

(2)对于自上次做镍镉镀层(NiCd plating)后使用时间(TIS)达到或超过250小时、但不到500小时的盘,应在本指令生效后150使用小时内拆下,并换上可用件。

(3)对于自上次做镍镉镀层(NiCd plating)后使用时间(TIS)达到或超过500小时的盘,则不必进行更换。

(4)按照本指令的要求所拆下来的盘不能再装于任何发动机。

表 1

级	件号(P/N)	序列号(S/N)
7	701407	7A7271
7	701507	4Z2030, 4Z2122, 8Z6454
7	766007	8B5265
7	774407	B207AA0307, B207AA0350, B207AA0379, B207AA0578, B207AA0643, BENCAH1353, BENCAH2320, BENCAH2327, BENCAH2851, BENCAH4091, BENCAJ8414, BENCAJ8440, BENCAK1631, BENCAK1684, BENCAK5135, BENCAK6623, BENCAK6643, BENCAK8115, H19093, H19026, H29904, J17128, J17407, J39120, J72011, J72132, K20050, K20167, K78491, L72139, M15364, M15368, M77985, M83784, M93463, N14127, N14190, N14213, N24114, N23978, N24091, N37879, N37919, N70390, N88161, N88195, N88335, N88342, N94974, N95036, P14716, P14741, P35486, P54563, P60347, P60394, P60446, P70328, P81247, P81253, P81392, P81399, P86295, P86311, R03089, R12413, R12418, R12549, R12557, R19365, R31290, R31411, R37414, R37520, R37554, R46834, R46893, R46918, R46943, R47019, R72171, R72257, S05566, S05610, S05659, S10014, S10050, S13885, S13910, S14048, S14063, S14088, S14173, S36633, S36810, S36857, S37128, S37149, S37168, S37187, S37312, S37367, S37389, S37420, S37469, S37498, T04409, T04526, T04566, T04615, T04632,

7	5006007-01	T04898, T04899, T04988, T05055, T05106 B207AA0068, B207AA0693, BENCAH0061, BENCAH3134, BENCAJ8558, BENCAJ8594, BENCAL0749, BENCAL2650, R54586, R79450, S11202, S11206, S57118, S57216, S57519
7	5006007-02	BENCAK9643, BENCAK9690, BENCAK9697, BENCAK9705, BENCAK9723, BENCAL3657, BENCAL5478
7	774407	BENCAH0521, BENCAJ8454, R57626, T04885
8	738308	9B1363, H03990
8	748608	7A9608, 7B9489, 8B0397, B208AA0030, B208AA0045, B208AA0070, BENCAJ8185, G30014, G62624, G63907, H29599, H35085, H64390, H84992, H86520, J29857, J29958, J57418, J57426, J57469, J57532, J57660, J57663, J94763, J94815, M54646, M54770, M54821, M54843, N14562, N14765, N84308, N84314, N84317, N84319, N84373, N84418, P26025, P26136, P26153, P26171, P28471, P28530, P28534, P28564, P28596, P28607, P83853, P94736, P98927, R18995, R46153, R73850, S01136, S01153, S01185, S50692, S50748, S78016, S78066, S78128
8	787008	K51696, K52389, L61543, M76852, M77423, M77749, M77791, N33354, N33408, N33702, N33760, N89060, N89386, N90133, N90152
8	787008F	N89050
8	787208	B228AA0194, B228AA0343, B228AA0371, B228AA0540, B228AA0574, B228AA0605, BENCAH4505, BENCAH5428, BENCAH5435, BENCAJ5724, BENCAK0065, BENCAK0066, BENCAK6165, BENCAK6359, BENCAK8796, BENCAK9253, BENCAL1567, BENCAL1571, BENCAL1579, BENCAL1887, BENCAL3339, BENCAL5283, BENCAM0672,

		J47026, K12730, N06609, N89709, P43644, P43665, P43897, P43936, P43950, P43954, P44141, P44694, P45378, P45593, R23192, R23234, R23450, R23452, R23569, R23837, R24172, R24201, R24205, R24390, R24599, R24827, R91709, S07732, S39110, S39281, S39337, S39409, S39410, S39487, S39509, S39534, S39633, S39676, S39721, S39942, S39963, S39996, S40033, S40041
8	788608	H36177
8	788708	7A2254
8	789508	G51990
8	789608	J46995
8	792038	B228AA0331, B228AA0511, B228AA1005, BENCAJ8854, BENCAJ8871
8	796348	K53240
8	797938	BENCAL2605
8	5005808-01	B228AA0901, BENCAJ1138, BENCAJ8902, S70327
9	628209	5X8746
9	701509	8Z5256, 9A6145, H86825, J00245, J25666, J87515, J89031, K34309, K35061, K55559, K85824, L31209, L31751, L55770, M10469, M40027, M49712, M61566, M84762, M86342, M86842, M86844, N02758, N02994, N209AA0006, N209AA0080, N209AA0091, N209AA0094, N209AA0255, N209AA0339, N209AA0352, N209AA0561, N21068, N21507, N21508, N22475, N22570, N22591, N41297, N42662, N57120, N79874, N79893, N81317, N97653, NENCAH0017, NENCAH0187, NENCAH0192, NENCAH0222, NENCAH0269, NENCAH0280, NENCAH0337, NENCAH0422, NENCAH0445,

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9	739509	G79836
9	772509	H49185, K56788, P97497, R73983, S01209, S50832
9	798509	B209AA0539, BENCAH3770, BENCAJ9383, BENCAK9880, BENCAL0717, BENCAL0703, BENCAL2372, BENCAL6305
9	701509	BENCAH0448
9	701509N	R18236
9	772509	K23767
9	798509	BENCAJ9360, P53159
10	701410	7Z0800, 7Z0806
10	701810	0A0377, 3B8966, 3B9144, 9Z9847, A00862, H39339, H60642, R22292
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10	770510	4B4921, G80187
10	772510	B210AA0014, B210AA0202, B210AA0273, B210AA0637, B210AA0640, B210AA0749, B210AA0752, B210AA0429, BENCAH0251, BENCAH1404, BENCAJ9735, BENCAJ9784, BENCAJ9868, BENCAK5318, BENCAK5762, BENCAK5946, BENCAK9105, BENCAL0388, BENCAL1598, BENCAL1601, BENCAL2427, BENCAL4455, BENCAL5993, H34395, H58784,

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12	701812D	G93483
12	717312	2B3418, G15036, G29488, G63557
12	769312	1Z5153
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13	701813E	H40915
13	762413	T02660
14	750414	H91643, H92945, N68876, P95479, T39660
15	750115	H530181

| 15 | 750415 | J35404，S97819 |

2.完成本指令可采取能保证安全的替代方法或调整完成的时间，但必须得到适航当局的批准。

五．生效日期：1999 年 1 月 28 日

六．颁发日期：1999 年 1 月 21 日

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