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：CAD1998-MULT-49　　　　　　　修正案号：39-2362

一．标题：　检查普惠 JT8D 发动机压气机盘

二．适用范围：
　　装有具有表1所列件号和序列号的压气机盘的普惠JT8D-17，-217A，-217C涡扇发动机，这些发动机装于(但不限于)波音737系列和MD82系列飞机上。

三．参考文件：
　　1.FAA AD 98-21-24,39-10832 (1998,10,16)
　　2.GE 工程通告 JT8D-025 (1998,03,27)

四．原因、措施和规定
　　为防止因拉紧螺杆孔、腹板孔或压力平衡孔受电弧灼伤造成压气机盘产生裂纹,使得压气机盘破裂,发动机非包容性失效,从而导致发动机空中停车,并造成飞机损坏,要求完成下列工作:
　　1.自1998年11月16日起3000个使用循环(CIS)内、或下一次返厂时(以先到为准)(但不得超过自1998年11月16日后10年),按照GE Engine Service -Dallas,LP., 工程通告(EB)JT8D-025(1998,03,27)拆下压气机盘,进行目视检查,涡流探伤检查,修理,或换上可用件。需检查的压气机盘的件号(P/N)和序列号(S/N)列于表1中。
　　2.本指令中的返厂是指拆下发动机,并且分解发动机安装边或拆下盘、毂、转子等,而不管是否还进行其它的计划维修工作。那些本可

以在飞机上完成的维修不包括在内。

3. 本指令中要求的检查和修理必须在GE Engine Service–Dallas,LP.(许可号为RA1R445K,Dallas,Texas)进行。若欲选择其它维修机构,需按照本指令5.中的要求提出申请并得到批准。

4. 每季度向民航总局适航工程处报告下列信息:

(1)按照本指令1.进行检查的盘的序列号(S/N);

(2)有电弧灼伤的盘的序列号(S/N),以及电弧灼伤的大致尺寸;

(3)按照本指令1.进行修理的盘的序列号(S/N);

(4)按照本指令1.进行检查的盘的总使用小时数,总使用循环(CIS),以及自上次返厂后的使用循环(CIS);

(5)若按照本指令1.对盘进行的检查中发现以下任何一种情况,应在两个工作日内报告:

(i)   裂纹深度超过千分之五英寸(5mil)

(ii) 2个以上的拉紧螺杆孔有裂纹

(iii)电弧灼伤的深度超过千分之九英寸(9mil)

5. 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。

表　1

级	件号(P/N)	序列号(S/N)
3	745803	H13469, N48096, N48361, P77936, P77942, P78298, P98041, P98334, R18766, R18989, R19227, R73555, R74156
4	745704	2A3332, 2A4258, G51920, H04195, J46788, J76639, K11388, K11483, K12946, K52509, K53069, L60864, L61145
4	777704	B114AA0034, B114AA0178, B114AA0274, BBDUA14597, BBDUAH4675, BBDUAH7390, J77499, J94590, K43182, L81216, L81217, L81218, L81224, L81688, M40670, M44376, M44384, M53723, M53753, M53810, M53815, N30898, N30938, N30943, N30947, N30956, N53261,

N53280, N53284, N53290, N53296, N53299,
N53309, N53317, N53324, N53337, N53340,
N53347, N53355, N53356, N53361, N53364,
N53366, N53373, N53388, N53390, N53392,
N53397, N53402, N53405, N53407, N53409,
N53411, N53413, N53416, N53419, N53426,
N53434, N53437, N53438, N53449, N63635,
N63637, N63646, N63651, N63696, N63704,
N63718, N63736, N63740, N63745, N63803,
P50018, P50025, P50036, P50050, P50054, P50083,
P63990, R21906, R21930, R21985, R21991,
R41366, R42431, R56904, R56911, R56932, R56948,
R75603, R75635, R75644, S28269, S28335,
S28336, S65405, S65417, S87903, S91630, T00466,
T48099, T48101, T48105

4	799504	K23796, L61578, L61597, L89794, M77214, N06109, N06248, N06731, N06908, N06911, N32484, N32493, N32514, N33627, N33880, N34238, N89280, N89817, N90599, N90812, N90849, P45299, P45435, R23598, R23753, R24022, R24310, R24543, S07095, S07147, S07164, S07250, S58162, S58237, T02774, T02897, T03020, T03027, T03038, T03047
7	701407	7Z5379
7	766007	G11181
7	774407	B207AA0057, B207AA0164, B207AA0224, B207AA0270, B207AA0546, B207AA0719, B207AA0757, B207AA0768, B207AA0775, B207AA0913, BENCAH1914, BENCAH4273, BENCAJ5690, BENCAK1601, BENCAK5082, BENCAK5701, BENCAK6044, BENCAK6586,

G78791, H19147, H75592, J08985, J17315,
J17370, J72117, J93428, J93669, K78068, K78149,
K78378, L23953, L71885, L71922, L72170,
L72261, M38646, M44626, M60192, M78767,
M83783, M93487, M93549, N24007, N24131,
N58891, N58905, N59040, N70414, N88273,
N88281, N88306, N93477, N95003, P14688,
P14851, P16547, P35320, P35374, P35475, P54474,
P54594, P60383, P81375, P81382, P86353,
R19478, R31305, R37450, R46879, R46934, R57593,
R57744, R57769, R72169, R72236, R81458,
R81507, R81527, R81612, R90895, S05652, S13843,
S14099, S14103, S36805, S36885, S36896,
S36994, S36995, S37166, S37554, T04613, T04687,
T04739, T04806, T04812, T04814, T04837,
T04843, T04885, T04903, T04960, T05000, T05108

7 5006007-02 BENCAK9696, BENCAK9900, BENCAL0760, BENCAL1937,
BENCAL4577, BENCAL5766

7 5006007-01 AA0297, B207AA0069, B207AA0135, B207AA0155,
B207AA0172, B207AA0177,
B207AA0354, B207AA0355, B207AA0421,
B207AA0493, B207AA0533, B207AA0571,
B207AA0684, B207AA0756, B207AA0811,
BENCAH3454, BENCAH4003, BENCAH4004,
BENCAH4371, BENCAH4373, BENCAH4794,
BENCAH4797, BENCAH5400, BENCAH5401,
BENCAJ8559, BENCAJ8585, BENCAJ8614,
BENCAJ8626, BENCAJ8656, BENCAJ9106,
BENCAK5959, BENCAK5963, BENCAK9770,
BENCAK9771, BENCAL2683, BENCAL3622,
BENCAL3931, K20260, K20499, K20543,
N09043, N65077, N65107, N65132, N93173, N93193,
P23185, P23236, P49794, P49835, P92551,

P92580, R12660, R12670, R12710, R35504, R35530, R36545, R43821, R54576, R54634, R79460, R79466, R92415, R92431, R92435, R92442, S11034, S11058, S11154, S11156, S11179, S11182, S11186, S11202, S11206, S56884, S56888, S56998, S57073, S57075, S57117, S57120, S57156, S57157, S57192, S57220, S57332, S57354, S57405, S57412, S57420, S57424, S57437, S57452, S57467, S57470, S57589

| 8 | 748608 | B208AA0043, BENCAK1564, H50069, H64474, H64605, J57591, J94824, M54652, M54835, N14526, N84300, P-28517, P26161, P28493, P28504, P28505, P28511, P28542, P28614, P98885, S01079, S01090, S50742, S78049, S78056, S78100 |

| 8 | 787008 | J76875, K12869, M77087, N06806, N32406, N34151, N89336, N89554, N90392, N90682 |

| 8 | 787028 | N89693 |

| 8 | 787208 | AA0676, B07691, B228AA0169, B228AA0242, B228AA0288, B228AA0389, B228AA0426, B228AA0537, B228AA0576, B228AA0638, B228AA0641, B228AA0746, B228AA0859, B228AA0866, B228AA0878, B228AA0905, B228AA1070, B228AA1117, BENCAH0302, BENCAH1584, BENCAH3448, BENCAJ5729, BENCAJ8175, BENCAJ8767, BENCAJ8773, BENCAJ8790, BENCAJ9142, BENCAK4678, BENCAK4771, BENCAK5470, BENCAK6156, BENCAK6162, BENCAK6398, BENCAK8259, BENCAK9252, BENCAK9261, BENCAL2604, BENCAL2642, BENCAL4344, BENCAL7699, BENCAL9217, J76954, K11762, K12737, |

K12765, L89874, M41582, M41586, M41918,
M76995, M77005, M77119, N06396, N33501,
N33769, N33774, N33776, N33784, N34183,
N34207, N89068, N89079, N89082, N89087,
N89089, N89404, N89409, N89699, N89702,
N89708, N89895, N89898, N90251, N90344,
N90990, P43853, P43872, P43891, P43956,
P43986, P44338, P45405, R23233, R23836, R23873,
R24174, R24227, R24677, R24739, R24816,
R24824, R91601, R91825, R91870, R91947,
R92114, R92308, S07578, S07629, S07758,
S07768, S07775, S39269, S39468, S39513, S39638,
S39655, S39663, S39753, S39822, S39837,
S39951, S39973, S39995, S40027, S40038, S40077,
S40079, S40095

8   789608   H03942, J21516

8   792038   B228AA0039, BENCAJ8836

8   797938   B228AA0487, B228AA1034, BENCAJ8910, BENCAL5921,
                   N06290, N33267, N90703, N90970, S70436, T03512

8   5005008-01   T03421, B228AA0052, B228AA0287, B228AA0405
                   B228AA0490, B228AA0519, BENCAH1577, L60763,
                   M77630,
                   N06193, N32395, N32524, N33073, N33304, N33466,
                   N89447, N89464, P44800, P45226, R24458, R91359,
                   R91787, S07967, S70327, S70429, S70463, S70494,
                   S70520, T03317, T03452, T03476, T03506, T03549

8   5006008-01   R24001

9   701509   5A1936, J89101, L56782, L85804, M09404,
                   M73608, M84236, N02058, N02998, N209AA0242,

N209AA0246, N209AA0323, N209AA0418, N209AA0634,
N22582, N56942, N56952, N79878, N97637, N97707,
N98354, N99323, NENCAH0592, NENCAH0697,
NENCAH0883,
NENCAH1173, NENCAH1422, NENCAH1432,
P11303, P11463, P12707, P52176, P52596, P52608,
P97654, P97704, P98673, R18109, R18342, R18385,
R45763, R45850, R46297, R46394, R46403, R72835,
R72839, R72846, R73002, R74484, S00704, S00765,
S00824, S00886, S00909, S00910, S18837, S18941,
S19027, S50340, S70059, S77627, S77671, S77784,
S77809, T18893, T18909, T27458, T27587

9   739509   H17622

9   772509   K23758, K24989, K86136, L15428, M40393, M40397,
N42380, N56529, N79955, N79970, N80784, N96815,
N96816, N96904, N96905, N97800, N97806, N99352,
N99353, N99362, N99367, N99368, N99376, P11398,
P11407, P11411, P11414, P11419, P12231, P76976,
P76987, P76990, P76992, P76994, R17787, S01222,
S02183, S50825

9   798509   AA0579, B209AA0068, B209AA0086, B209AA0100,
B209AA0103, B209AA0105, B209AA0185, B209AA0261,
B209AA0304, B209AA0364, B209AA0420, B209AA0429,
B209AA0434, B209AA0461, B209AA0518, B209AA0542,
B209AA0551, B209AA0619, B209AA0632, B209AA0649,
B209AA0707, BENCAH2176, BENCAJ6152, BENCAJ9319,
BENCAJ9337, BENCAJ9348, BENCAJ9359, BENCAJ9366,
BENCAK0166, BENCAK4404, BENCAK4409, BENCAL0725,
BENCAL2575, BENCAL4022, BENCAL6238, N03324,
N42399,
N42401, N56700, N97809, N99501, P53159, P77576,
R72583, R73591, R74285, S02121, S02165, S79341,

S79364, S79409, S79414, S94376, S94384, S94391

10 770510   G80186

10 772510   B210AA0003, B210AA0024, B210AA0062, B210AA0128,
                 B210AA0263, B210AA0339, B210AA0398, B210AA0520,
                 B210AA0538, B210AA0549, B210AA0563, B210AA0619,
                 B210AA0684, B210AA0727, B210AA0744, B210AA0785,
                 B210AA0860, B210AA0862, B210AA0956, B210AA0984,
                 B210AA1073, B210AA1081, B210AA1137, BENCAH1958,
                 BENCAH2165, BENCAH2280, BENCAJ5741, BENCAJ9159,
                 BENCAJ9705, BENCAJ9757, BENCAJ9767, BENCAJ9773,
                 BENCAJ9805, BENCAK4597, BENCAK5154, BENCAK5350,
                 BENCAK5735, BENCAK5773, BENCAK6465, BENCAK9082,
                 BENCAK9123, BENCAK9429, BENCAK9434, BENCAL1600,
                 BENCAL1635, BENCAL2434, BENCAL3279, BENCAL5558,
                 BENCAL6141, BENCAL6373, H17769, H32904, H34713,
                 H57950, H76378, K56398, K66132, K86040, L15008,
                 L32061, L55910, L56859, L86006, M10588, M10987,
                 M39587, M39591, M49011, M49358, M49359, M73918,
                 M86490, N02251, N02274, N11091, N22833, N42134,
                 N56280, N57181, N57382, N57418, N57437, N80225,
                 N80703, N80716, N80718, N81110, N81114, N81474,
                 N97025, N97067, N97527, N97553, N97574, N97591,
                 N97832, N98539, N98750, N98764, N98768, N98798,
                 P11004, P11017, P11029, P11039, P11087, P11094,
                 P11101, P11562, P11575, P11834, P12009, P12612,
                 P12615, P12645, P12648, P51452, P51454, P51833,
                 P51883, P52238, P53116, P53207, P53327, P76886,
                 P76891, P77070, P77161, P77180, P77423, P77618,
                 P77663, P77668, P77744, P77752, P97017, P98117,
                 P98258, P98840, R18022, R18124, R18611, R18665,
                 R19275, R46329, R46679, R72606, R72615, R72617,
                 R72874, R73345, R74396, S01267, S01277, S01369,
                 S01501, S01631, S01680, S19280, S19293, S19294,

S19298, S19328, S19440, S19447, S19458, S19467,
S19486, S19512, S51089, S51144, S51176, S51210,
S78237, S78294, S78298, S78318, S78439, S78464,
S78511, S78623, S78642, S78724, T19014, T19091,
T19152, T19169, T28070, T28091, T28136, T28138,
T49026, T49044, T49055, T49068, T49089

11 701411   G29388, G43952

11 769611   H16901

11 772511   AA0065, B211AA0047, B211AA0157,
B211AA0171, B211AA0263, B211AA0301, B211AA0349,
B211AA0356, B211AA0517, B211AA0529, B211AA0599,
B211AA0622, B211AA0624, B211AA0705, B211AA0798,
B211AA0823, B211AA0945, B211AA1004, B211AA1107,
B211AA1166, B211AA1212, B211AA1292, B211AA1360,
BENCAH0264, BENCAH2171, BENCAH5424, BENCAJ8130,
BENCAK0910, BENCAK7121, BENCAK7336, BENCAK7407,
BENCAK7412, BENCAK7417, BENCAK7523, BENCAL2881,
BENCAL2959, BENCAL3030, H58238, H99450, J24528,
J68900, J88334, K24665, K35705, K85911, L15671,
L30512, L84603, L84967, M11198, M11208, M40116,
M49492, M49540, M49551, M61349, M61810, M61821,
M61827, M73414, M86423, M86943, M87075, N02874,
N03522, N21358, N22738, N41160, N41282, N41646,
N41748, N42587, N42774, N56399, N56596, N57323,
N57878, N57899, N57939, N57953, N80541, N80554,
N80580, N81408, N93700, N96929, N96947, N96955,
N97354, N97368, N97956, N97977, N98242, N98245,
N98573, N98587, N98612, N98949, N98963, N98974,
N98976, N98981, N98985, N99526, N99535, N99551,
N99553, N99564, N99590, P03620, P11615, P11637,
P11959, P11981, P12385, P12387, P12399, P12743,
P12777, P12930, P51979, P52109, P52732, P52903,

P52910, P76731, P76820, P76832, P76857, P77637,
P77642, P97786, R05382, R05539, R05747, R29690,
R29884, R30070, R30119, R30137, R30157, R30194,
R30226, R30258, R30313, R30429, R30504, R30534,
R30617, R30625, R30808, R30810, R30906, R30941,
R30993, R31009, R31035, R31073, R31118, R46248,
R46361, S03667, S03741, S03745, S03805, S04156,
S04451, S04460, S04473, S04542, S04543, S04557,
S04564, S04582, S04649, S80373, S80389, S80465,
S80547, S80588, S80617, S80682, S80740, S80765,
T22044, T22052, T22099, T22202, T22236, T22261,
T22353, T22378, T22395, T22405, T22521, T22533,
T22593, T22608, T22653, T22797, T22835, T22873,
T22895, T22949, T23006

12 717312　　2B1946, 3A7441

12 772512　　B212AA0565, B212AA0864, H58261, H58448, J23046,
J68527, J89283, K04097, K23952, K23992, K35819,
K55628, K55951, K56079, K66470, K66500, K86442,
K86447, L15502, L30899, L31589, L32003, L56276,
L56294, L56303, L56308, L56886, L85095, L86236,
M10233, M10966, M40081, M49574, M49665, M73392,
M84838, N02466, N03990, N21261, N22069, N22894,
N41128, N41249, N41717, N42236, N42871, N56325,
N57451, N58072, N58127, N80601, N81044, N81173,
N81187, N97079, N97083, N97109, N97384, N97438,
N97455, N97457, N97893, N97916, N98152, N98162,
N98654, N98657, N98680, N98691, N99016, N99025,
N99049, N99057, N99094, N99125, P11154, P11179,
P11183, P11193, P11252, P11678, P11699, P11877,
P11879, P11909, P12244, P12277, P12493, P12519,
P51414, P52139, P52409, P52520, P52871, P53141,
P53351, P53396, P72298, P76702, P76921, P76931,
P77096, P77294, P77338, P77695, P77796, P78510,

P97315, R17703, R17746, R18201, R18319, R18589,
R19042, R45067, R45829, R46100, R46108, R46121,
R46707, R52615, R72811, R73024, R73783, R74357,
S01858, S01860, S01914, S01923, S01949, S01969,
S01971, S01980, S01994, S02002, S02007, S19593,
S19644, S19843, S51370, S51437, S51514, S51519,
S51560, S51571, S78825, S78841

12 798512   B212AA0009, B212AA0045, B212AA0051, B212AA0060,
B212AA0073, B212AA0077, B212AA0082, B212AA0142,
B212AA0155, B212AA0290, B212AA0293, B212AA0361,
B212AA0428, B212AA0586, B212AA0618, B212AA0647,
B212AA0735, B212AA0747, B212AA0942, B212AA0974,
B212AA1031, B212AA1062, B212AA1098, B212AA1173,
BENCAH1931, BENCAH4104, BENCAJ4925, BENCAJ6158,
BENCAJ7821, BENCAJ8115, BENCAJ9478, BENCAJ9497,
BENCAJ9503, BENCAJ9530, BENCAJ9617, BENCAJ9673,
BENCAK0455, BENCAK2377, BENCAK4552, BENCAK5787,
BENCAK8605, BENCAK9227, BENCAL1655, BENCAL2487,
BENCAL4173, BENCAL6328, BENCAL6602, M86993,
N42703, N42708, N57617, N57629, N80087, N80088,
N98138, N99136, N99144, P53305, P76909, P76916,
P77722, P78317, R17334, R46556, R46562, R73201,
R74214, S02217, S02254, S51853, S79575, S94530,
S94534, S94538, S94539, S94569, S94579, S94590,
S94615, T19187, T19213, T19220, T19242, T19277,
T19292, T19314, T28638, T43059

五．生效日期：1998 年 12 月 23 日

六．颁发日期：1998 年 12 月 16 日

七．联系人：   樊军
              民航总局航空器适航司

010-64091126