中国民用航空总局



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: CAD2006-C208-01R1

修正案号: 39-5230

- 一. 标题: 修改飞行员操作手册(POH)相关部分
- 二. 适用范围:

本指令适用于所有序号的Cessna 208和 208B飞机。

三. 参考文件:

- 1.FAA AD 2006-01-11 R1,修正案号: 39-14515,2006年3月10日颁发:
- 2.Cessna Caravan 服务包(Service kit) No.SK208-146, 2004 年 10 月 4 日颁发:
- 3.Cessna Caravan 服务通告 No.CAB95-19, 1995 年 10 月 13 日颁发;
- 4.Cessna Caravan 附件包 (Accessory kit) No.AK208-6C 修改版 C, 1993 年 8 月 27 日颁发;
- 5.Cessna Caravan 服务通告 No.CAB93-20 修改版 1, 1995 年 10 月 13 日颁发。

四. 原因、措施和规定

本适航指令替代 CAD2006-C208-01, 39-5172

本指令的颁发是由于收到几起在结冰条件下,飞机在空中和地面操作时发生事故的报告。本指令颁发的目的是提供一种安全方法,用于起飞前探测附着在机翼上表面(重要翼面)的结冰、积雪、霜冻、或泥泞的状况;并通过除去货舱吊舱和起落架整流盖板的冰以降低飞行中的阻力。机翼上表面、货舱吊舱、起落架整流盖板上附着冰可降低飞

机性能,从而使飞机不能安全起飞、爬升或保持高度。

自本指令生效之日起,要求完成附件FAA AD 2006-01-11 R1中规定的工作,除非已事先完成。

完成本指令可采取能确保安全的替代方法或调整完成时间,但必 须得到适航部门的批准。

附件: FAA AD 2006-01-11 R1(39-14515)

2006-01-11 R1 The Cessna Aircraft Company: Amendment 39-14515; Docket No. FAA-2005-21275; Directorate Identifier 2005-CE-28-AD.

When Does This AD Become Effective?

(a) This AD becomes effective on February 22, 2006. The effective date of this AD is retained from AD 2006-01-11.

What Other ADs Are Affected by This Action?

(b) This AD revises AD 2006-01-11, Amendment 39-14450.

What Airplanes Are Affected by This AD?

(c) This AD affects Models 208 and 208B, all serial numbers, that are certificated in any category.

What Is the Unsafe Condition Presented in This AD?

(d) This AD is the result of reports of several accidents involving the affected airplanes during operations in-flight and in ground icing conditions. We are issuing this AD to provide a safe method to detect ice, snow, frost, or slush adhering to the upper wing (a critical surface) prior to takeoff; and to reduce drag in- flight by shedding ice on the cargo pod and landing gear fairings. Ice adhering to the upper wing surface, cargo pod, or landing gear fairings could result in a reduction in airplane performance with the consequences that the airplane cannot perform a safe takeoff or climb or maintain altitude.

What Must I Do To Address This Problem?

(e) To address this problem, you must do the following:

Actions	Compliance	Procedures
(1) Install the pilot	Within the	Install the pilot assist
assist handle SK208-146-2	next 125	handle SK208-146-2 subkit
subkit (part number (P/N)	days after	(part number (P/N)
SK208-146-2((or FAA-	February	SK208-146-2 (or
approved equivalent part	22, 2006	FAA-approved equivalent
number if the airplane	(the	part number) following step
will be operated in the	effective	4 of the Accomplishment
ground icing conditions	date of this	Instructions of Cessna
defined under	AD), unless	Caravan Service Kit No.
"Visual/Tactile Check" in	already	SK208-146, dated October 4,
the LIMITATIONS section	done.	2004.
of the AFM after the		
compliance time).		
(2) 14 CFR 21.303 allows	Not	Not Applicable.
for replacement parts	Applicable	
through parts		
manufacturer approval		
(PMA). The phrase "or		
FAA-approved equivalent		
part number" in this AD is		
intended to signify those		
parts that are PMA parts		
approved through		
identicality to the		
design of the part under		
the type certificate and		
parts to correct the		
unsafe condition under		
PMA (other than		
identicality).		
Equivalent replacement		
parts to correct the		
unsafe condition under		
PMA (other than		

identicality) may also be		
installed provided they		
meet current		
airworthiness standards,		
which include those		
actions cited in this AD.		
(3) Insert the text in	Within the	The owner/operator holding
Appendix 1 of this AD	next 125	at least a private pilot
after the "OTHER		certificate as authorized by
LIMITATIONS"in the	February	section 43.7 of the Federal
LIMITATIONS section of	_	Aviation Regulations (14 CFR
the Cessna Models 208 or	(the	43.7) may insert the
208B Pilot's Operating	effective	information into the POH as
Handbook (POH) and	date of this	specified in paragraph
FAA-approved Airplane	AD) unless	(e)(3) of this AD. You may
Flight Manual (AFM).	already	insert a copy of this AD into
	done.	the appropriate sections of
		the POH to comply with this
		action. Make an entry into
		the aircraft records showing
		compliance with portion of
		the AD in accordance with
		section 43.9 of the Federal
		Aviation Regulations (14 CFR
		43.9).
(4) For Cessna Model 208B	Within the	Install the cargo pod and
with Pratt & Whitney of	next 125	landing gear fairing deice
Canada Ltd., PT6A-114	days after	kit (part number (P/N)
Turbo Prop engine	February	AK208-6C2) (or FAA-approved
installed (600 SHP) or	22, 2006	equivalent part number)
equipped with a cargo pod	(the	following the Installation
and pneumatic deicing	effective	Instructions of Cessna
boots, do one of the	date of this	Caravan Service Bulletin No.
following: (i) Install	AD), unless	CAB95-19, dated October 13,
Cessna Accessory Kit	already	1995, and Cessna Caravan

AK208-6C per Cessna	done.	Accessory Kit No. AK208-6C,
Service Bulletin		Revision C, dated August 27,
CAB95-19; or. (ii)		1993. The owner/operator
Install a placard in view		holding at least a private
of the pilot which states		pilot certificate as
"This airplane is		authorized by section 43.7
prohibited from flight in		of the Federal Aviation
known or forecast icing".		Regulations (14 CFR 43.7)
		may install the placard as
		specified in paragraph
		(e)(4) of this AD. You may
		insert a copy of this AD into
		the appropriate sections of
		the POH to comply with this
		action. Make an entry into
		the aircraft records showing
		compliance with portion of
		the AD in accordance with
		section 43.9 of the Federal
		Aviation Regulations (14 CFR
		43. 9).
(5) For all Cessna Model	Within the	Do the installation
208 and 208B airplanes	next 125	following the Installation
equipped with a cargo pod	days after	Instructions of Cessna
and pneumatic deicing	February	Caravan Service Bulletin No.
boots and not included in	22, 2006	CAB93-20, Revision 1, dated
paragraph (e)(4) of this	(the	October 13, 1995, and Cessna
AD, do one of the	effective	Caravan Accessory Kit No.
following: (i) Install	date of this	AK208-6C, Revision C, issued
Cessna Accessory Kit	AD), unless	August 27, 1993. The
AK208-6C per Cessna	already	owner/operator holding at
Service Bulletin CAB93-20	done.	least a private pilot
Revision 1; or. (ii)		certificate as authorized by
Install a placard in view		section 43.7 of the Federal
of the pilot with the		Aviation Regulations (14 CFR

following words: "This		43.7) may install the
airplane is prohibited		placard as specified in
from flight in known or		paragraph (e)(5)(ii) of this
forecast icing".		AD. Make an entry into the
		aircraft records showing
		compliance with portion of
		the AD in accordance with
		section 43.9 of the Federal
		Aviation Regulations (14 CFR
		43.9).
(6) Insert the text in	Before	The owner/operator holding
Appendix 2 of this AD in	further	at least a private pilot
the "KINDS OF OPERATION	flight	certificate as authorized by
LIMITS" in the	after	section 43.7 of the Federal
LIMITATIONS section of	compliance	Aviation Regulations (14 CFR
the Cessna Models 208 or	to	43.7) may insert the
208B Pilot's Operating	paragraph	information into the POH as
Handbook (POH) and	(e) (4) (i)	specified in paragraph
FAA-approved Airplane	or	(e)(3) of this AD. You may
Flight Manual (AFM).	(e) (5) (i)	insert a copy of this AD into
	of this AD.	the appropriate sections of
		the POH to comply with this
		action. Make an entry into
		the aircraft records showing
		compliance with portion of
		the AD in accordance with
		section 43.9 of the Federal
		Aviation Regulations (14 CFR
		43.9).
(7) Delete the text in	Before	The owner/operator holding
Appendix 3 of this AD from	further	at least a private pilot
the "REQUIRED	flight	certificate as authorized by
EQUIPMENT"in the	after	section 43.7 of the Federal
LIMITATIONS section of	compliance	Aviation Regulations (14 CFR
the Cessna Models 208 or	to	43.7) may insert the

208B Pilot's Operating	paragraph	information into the POH as
Handbook (POH) and	(e) (4) (i)	specified in paragraph
FAA-approved Airplane	or	(e)(3) of this AD. You may
Flight Manual (AFM)	(e) (5) (i)	insert a copy of this AD into
Supplement S1 "Known	of this AD.	the appropriate sections of
Icing Equipment".		the POH to comply with this
		action. Make an entry into
		the aircraft records showing
		compliance with portion of
		the AD in accordance with
		section 43.9 of the Federal
		Aviation Regulations (14 CFR
		43.9).

Note: Cessna Caravan Service Bulletin No. CAB04-9, dated October 4, 2004, also addresses the installation of the pilot assist handle.

May I Request an Alternative Method of Compliance?

(f) The Manager, Wichita Aircraft Certification Office (ACO), FAA, has the authority to approve alternative methods of compliance for this AD, if requested using the procedures found in 14 CFR 39.19. For information on any already approved alternative methods of compliance, contact Paul Pellicano, Aerospace Engineer (Icing), FAA, Small Airplane Directorate, c/o Atlanta ACO, One Crown Center, 1985 Phoenix Boulevard, Suite 450, Atlanta, GA 30349; telephone: (770) 703-6064; facsimile: (770) 703-6097; or Robert P. Busto, Aerospace Engineer, Wichita ACO, FAA, 1801 Airport Road, Wichita, Kansas 67209; telephone: (316) 946-4157; facsimile: (316) 946-4107.

Does This AD Incorporate Any Material by Reference?

(g) You must do the actions required by this AD following the instructions in Cessna Caravan Service Kit No. SK208-146, dated October 4, 2004 and Cessna Caravan Accessory Kit No. AK208-6C,

Revision C, dated August 27, 1993.

- (1) On February 22, 2006 (71 FR 1941, January 12, 2006), and in accordance with 5 U. S. C. 552 (a) and 1 CFR part 51, The Director of the Federal Register previously approved the incorporation by reference of Cessna Caravan Service Kit No. SK208-146, dated October 4, 2004, and Cessna Caravan Accessory Kit No. AK208-6C, Revision C, dated August 27, 1993.
- (2) To get a copy of this service information, contact The Cessna

Aircraft Company, Product Support, P.O. Box 7706, Wichita, Kansas 67277-7706; telephone: (316) 517-5800; facsimile: (316) 942-9006. To review copies of this service information, go to the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, go to: <http://www.archives.gov/federal_register/code_of_federal_re</pre> gulations/ibr locations.html> or call (202) 741-6030. To view the AD docket, go to the Docket Management Facility: U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-001 or on the http://dms.dot.gov. The docket at number Internet is FAA-2005-21275; Directorate Identifier 2005-CE-28-AD.

Appendix 1 to AD 2006-01-11 R1 Changes to the Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual

Affected Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual (AFM)

Insert the following text after the "OTHER LIMITATIONS" in the LIMITATIONS section of the Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-approved Airplane Flight Manual (AFM):

COLD WEATHER OPERATIONS.

The airplane must be equipped with the following equipment when operating at an airport in the ground icing conditions defined under "Visual/Tactile Check" in the LIMITATIONS section:

1. Pilot assist handle, Cessna P/N SK208-146-2 (or FAA-approved equivalent part number) .

Appendix 2 to AD 2006-01-11 R1 Changes to the Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual

Affected Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual (AFM)

Add the following to the equipment listed under "FLIGHT INTO KNOWN ICING" in the "KINDS OF OPERATION LIMITS" in the LIMITATIONS section of the FAA approved Airplane Flight Manual:

Lower main landing gear leading edge deice boots Cargo pod nosecap deice boot

Appendix 3 to AD 2006-01-11 R1 Changes to the Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual Supplement S1

Affected Cessna Models 208 or 208B Pilot's Operating Handbook (POH) and FAA-Approved Airplane Flight Manual (AFM) Supplement S1

Remove the paragraph under "REQUIRED EQUIPMENT" in the Limitations section of the FAA-Approved Flight Manual Supplement S1 "Known Icing Equipment", that currently reads as follows: "The following additional equipment is not required for flight into icing conditions as defined by FAR 25, but may be installed on early serial airplanes by using optional accessory Kit AK208-6. On later serial airplanes, this equipment may be included with

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the flight into known icing package. If installed, this equipment must be fully operational: "

五. 生效日期: 2006年2月22日

六. 颁发日期: 2006年4月14日

七. 联系人: 朱江

民航中南地区管理局适航审定处

020-86130011