## Airworthiness Directive Schedule

### Aeroplanes

**Piper PA-22 Series (Colt and Tri Pacer)**

**25 May 2017**

### Notes

1. This AD schedule is applicable to Piper PA-22-108, PA-22-150 and PA-22-160 series aircraft manufactured under FAA TC No. 1A6.

2. The Federal Aviation Administration (FAA) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these aircraft. State of Design ADs applicable to these aircraft can be obtained directly from the FAA web site at [http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/MainFrame?OpenFrameSet](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/MainFrame?OpenFrameSet)

3. The date above indicates the amendment date of this schedule.

4. New or amended ADs are shown with an asterisk *

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*From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and can be obtained directly from the National Airworthiness Authority (NAA) web site. The link to the NAA web site is available on the CAA web site at [http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html](http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html) If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ they will be added to the list below.*

- 60-10-08 Fuel Selector Valve – Inspection
- 99-01-05R1 Cancelled – FAA AD 2015-08-04 refers
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DCA/PA22/101 Fuel and Hydraulic Lines - Modification
Applicability: All model PA-22
Requirement: Piper SL 213
(FAA AD 53-24-4 also refers)
Compliance: By 30 April 1958

DCA/PA22/102 Fitment of Fuel Tank Caps - Modification
Applicability: All model PA-22
Requirement: FAA AD 55-22-3
Compliance: By 30 April 1958

DCA/PA22/103 Battery Box Insulation - Modification
Applicability: S/N 22-1 through 22-348
Requirement: Piper SB 118
Compliance: By 30 April 1958

DCA/PA22/104 Nose Wheel Drain - Modification
Applicability: S/N 22-1 through 22-354
Requirement: Piper SB 119
Compliance: By 30 April 1958

DCA/PA22/105 Landing Gear Tube - Reinforcement - Modification
Applicability: S/N below 22-2394
Requirement: Piper SB 124
Compliance: By 30 April 1958

DCA/PA22/106 Ignition Filter - Replacement
Applicability: S/N 22-1621 through 22-1625, 22-1627, 22-1630, 22-1633, 22-1634 & 22-1637
Requirement: FAA AD 55-8-4
Compliance: By 30 April 1958

DCA/PA22/107 Fuel Tank Caps - Modification
Applicability: All model PA-22
Requirement: Piper SB 148
Compliance: By 31 December 1956

DCA/PA22/108 Fusing of Cigar Light Circuit - Modification
Applicability: As detailed
Requirement: Piper SB 163A
Compliance: By 31 December 1958
DCA/PA22/109 Tail Brace Clevises - Modification
Applicability: S/N 22-8000 through 22-8012
Requirement: Piper SB 198
Compliance: Next periodic inspection
Effective Date: 30 June 1961

DCA/PA22/110 Cabin Heater Box Plate - Modification
Applicability: S/N 22-8000 through 22-8440 and 22-8663
Requirement: Piper SB 203
Compliance: Next periodic inspection
Effective Date: 30 June 1961

DCA/PA22/111 Vacuum Pump Splined Coupling - Replacement
Applicability: As detailed
Requirement: Piper SB 218
Compliance: As detailed
Effective Date: 31 March 1965

DCA/PA22/112 Brake Master Cylinder Diaphragm - Replacement
Applicability: All model PA-22
Requirement: Piper SB 153A
Compliance: Every 200 hours TIS
Effective Date: 30 April 1958

DCA/PA22/113 Fuel Strainer - Inspection
Applicability: All model PA-22
Requirement: On all Piper PA-22 series aircraft fitted with fuel strainers having the wire bail assembly P/N 494-644. Examine the wire bail assembly at the bowl of the fuel strainer. Check that the threaded adjusting stud is securely welded or otherwise properly attached to the wire stirrup. This inspection may be discontinued after modification.
Compliance: Every periodic inspection
Effective Date: 30 April 1958

DCA/PA22/114 Cancelled - Purpose Fulfilled
DCA/PA22/117B Fuselage Fabric Windshield Area - Inspection and Modification

Applicability: All model PA-22
Requirement: Piper SB 174B and Piper SL 362A
(FAA AD 74-17-04 refers)

Compliance: 1. Inspection - Per Piper SB 174B - at intervals not exceeding 100 hours TIS.

Effective Date: DCA/PA22/117A - 16 October 1974
DCA/PA22/117B - 20 July 1977

* DCA/PA22/118 Cancelled – FAA AD 60-01-07 refers

Effective Date: 25 May 2017

DCA/PA22/120 Cancelled – FAA AD 60-10-08 refers

Effective Date: 19 December 2013

DCA/PA22/122 Upper Nose Gear Oleo - Inspection

Applicability: All model PA-22
Requirement: Piper SL 405

Compliance: As detailed

Effective Date: 31 March 1965

DCA/PA22/123 Right Fuel Tank Quantity Gauge Placard - Modification

Applicability: S/N 22-1 through 22-7642
Requirement: Piper SB 250A

Compliance: Within the next 50 hours TIS

Effective Date: 31 August 1971

DCA/PA22/124 Engine and Nose Wheel Mount Assembly - Inspection

Applicability: S/N 22-1 through 22-9848
Requirement: Piper SL 3588

Compliance: Every 100 hours TIS

Effective Date: 31 August 1971

DCA/PA22/125 Fuel Line - Replacement

Applicability: S/N 22-1 through 22-9393
Requirement: Piper SB 351
(FAA AD 72-21-3 also refers)

Compliance: Within the next 100 hours TIS

Effective Date: 31 January 1973
DCA/PA22/126 Operating Limitation Placard - Modification

Applicability: As detailed

Requirement: This requirement applies to model PA-22-150, PA-22S-150, PA-22-160 and PA-22S-160 aircraft equipped with Lycoming O-320 series engines and Marvel Schebler carburettors model MA-4SPA, P/N 10-3678-11, 10-3678-12, 10-3678-32 and to other PA-22 type aircraft which have been modified to these engine/carburettor configurations. Attach the following operating limitation placard to the instrument panel near the throttle control in full view of the pilot, using 1/8 inch minimum size type: "DO NOT OPEN THE THROTTLE RAPIDLY. (IDLE TO FULL THROTTLE IN TWO SECONDS MINIMUM)" The placard may be fabricated by the owner/operator. (FAA AD 73-9-6 also refers)

Compliance: Within the next 10 hours TIS

Effective Date: 30 June 1973

DCA/PA22/127D Cancelled – FAA AD 99-01-05R1 refers

Effective Date: 14 January 2014

DCA/PA22/128 Wing Fuel Tank Cap - Inspection & Modification

Applicability: All model PA-22 series with tank cap P/N 159296-02 or 60707-02

Requirement: Piper SB 573

Compliance: Within the next 50 hours TIS

Effective Date: 31 March 1978

DCA/PA22/129 Cancelled - Purpose Fulfilled

DCA/PA22/130A Parking Brake Operation - Placard


Requirement: To prevent aircraft controllability problems while involved in ground operation because of improper brake operation, accomplish the following:-

1. Install one of the following in a central location on the pilot's instrument panel in full view of the pilot;
   - A Piper P/N 81090-02 placard; or
   - A Piper P/N 683-107 placard.

Note: The above referenced placards both contain the following wording:

WARNING
NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES ARE APPLIED WHILE PARKING BRAKE HANDLE IS PULLED AND HELD

(FAA AD 85-02-05R1 refers)

Compliance: Required within 100 hours time-in-service after 22 March 1985 or prior to the next flight after the effective date of this AD, whichever occurs later, unless already accomplished.

Effective Date: DCA/PA22/130 - 22 March 1985
               DCA/PA22/130A - 19 December 1997
DCA/PA22/131 Fuselage Frame - Inspection

**Applicability:** Model PA-22 S/N 22-01 through 22-9848

**Requirement:** Inspect per Piper SB 819 and renew defective structure before further flight

**Compliance:** Within the next 50 hours TIS or six months, whichever is the sooner

**Effective Date:** 14 November 1986

*NZCAR, Part III Leaflets B.11-7/1 and B.11-12 are hereby cancelled*
From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and can be obtained directly from the National Airworthiness Authority (NAA) web site. The link to the NAA web site is available on the CAA web site at [http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html](http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html)

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<td>68-05-01</td>
<td>Exhaust Mufflers – Inspection</td>
<td>31 March 1968</td>
<td>FAA AD 2015-08-04 retains all the requirements in superseded FAA AD 99-01-05R1 and expands the AD applicability to include additional aircraft models.</td>
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<td>An inspection method accomplished in accordance with Radiographic Technique 57-20-01 Rev 1 may be used as an alternate to the two inspection methods defined in paragraph (h)(1) and (h)(2) of FAA AD 2015-08-04. If the radiographic technique is used, inspect at intervals not to exceed 4 years.</td>
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