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CASA EX182/18 — Avalon Airport (Australian International Airshow and Aerospace & Defence Exposition) Instrument 2018

Contents

<table>
<thead>
<tr>
<th></th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name .............................................................. 1</td>
</tr>
<tr>
<td>2</td>
<td>Duration ............................................................ 1</td>
</tr>
<tr>
<td>3</td>
<td>Definitions ......................................................... 1</td>
</tr>
<tr>
<td>4</td>
<td>Exemption — runway strip width .................................. 2</td>
</tr>
<tr>
<td>5</td>
<td>Conditions on runway strip width exemption .................. 2</td>
</tr>
<tr>
<td>6</td>
<td>Approval of obstacles and exemption .......................... 3</td>
</tr>
<tr>
<td>7</td>
<td>Conditions for the approval of obstacles and related exemption ............................................. 4</td>
</tr>
</tbody>
</table>

1 Name

This instrument is CASA EX182/18 — Avalon Airport (Australian International Airshow and Aerospace & Defence Exposition) Instrument 2018.

2 Duration

This instrument:
(a) commences on the day after it is made; and
(b) is repealed at the end of 20 April 2019.

3 Definitions

Note A number of expressions used in this instrument are defined in the Civil Aviation Safety Act 1988, the Civil Aviation Safety Regulations 1998 or the Civil Aviation Regulations 1988, including the following:
(a) aerodrome;
(b) AIP;
(c) AIP Supplement;
(d) ARN or Aviation Reference Number;  
(e) manoeuvring area;  
(f) Notices to Airmen, or NOTAMS;  
(g) obstacle;  
(h) obstacle limitation surface.

In this instrument:

aerodrome operator means Avalon Airport Australia Pty Ltd, ARN 221878.

Airshow means the Australian International Airshow and Aerospace & Defence Exposition – Avalon 2019, taking place at Avalon Airport between 26 February and 3 March 2019.

Airshow operator means Aerospace Australia Limited, ABN 63 091 147 787.

fly-over area has the meaning given by the Manual of Standards.

Manual of Standards has the same meaning as in regulation 139.010 of CASR.

obstacle restriction area has the meaning given by the Manual of Standards.

runway 18/36 means runway 18/36 at Avalon Airport.

4 Exemption — runway strip width

(1) For the purposes of regulation 11.160 of CASR, the aerodrome operator, in conducting operations on runway 18/36 for the purposes of the Airshow, is exempt from compliance with regulation 139.165 of CASR:

(a) to the extent that the regulation requires the width of the runway strip to comply with the requirements of paragraph 6.2.18.2 or 6.2.18.3 of the Manual of Standards; and

(b) if the runway strip width is 150 m.

(2) The exemption is subject to the conditions in section 5.

5 Conditions on runway strip width exemption

(1) This section sets out the conditions on the exemption under section 4.

(2) As soon as obstacles are introduced into the runway strip of runway 18/36, the aerodrome operator must ensure a NOTAM is published to advise that:

(a) the runway strip of runway 18/36 is reduced to 150 m in width; and

(b) the fly-over area of runway 18/36 is not available.

The NOTAM is to remain current until the obstacles are removed.

(3) As soon as obstacles are introduced into the runway strip of runway 18/36, the aerodrome operator must ensure that an AIP Supplement is published that provides detailed information about:

(a) the reduction of the runway strip; and

(b) the objects within the obstacle restriction area of runway 18/36, before, during and after the Airshow.

(4) The aerodrome operator must seek confirmation, in writing, from each aircraft operator (other than an Airshow participant) before the aircraft operator uses the aerodrome following the commencement of this instrument:

(a) that the aircraft operator has been advised of the presence of the obstacles in the overall runway strip on runway 18/36; and

(b) that the aircraft operator is able to operate on the runway with a reduced width of 150 m.
(5) The aerodrome operator must obtain information from the Airshow operator, in writing, before the Airshow operator commences activities at the aerodrome, that each of the participants in the Airshow has been advised of the presence of the obstacles.

(6) The aerodrome operator must ensure that no object penetrates the transitional surface established for runway 18/36 at the reduced runway width of 150 m, other than in accordance with the aerodrome operator’s obstacle control procedures.

Note For example, an Airshow group may not introduce any obstacles into the area without the aerodrome operator’s explicit approval.

(7) Any incident that relates to the activities of the aerodrome operator (following the commencement of this instrument) or the Airshow operator must be reported to CASA as soon as practicable and not later than 24 hours after the incident.

6 Approval of obstacles and exemption

Approval — objects within obstacle restriction area

(1) For the purposes of paragraph 7.1.2.1 of the Manual of Standards, the aerodrome operator, in conducting operations for the purposes of the Airshow, is approved to have objects located within the fly-over area of the runway strip of runway 18/36 that fall within the obstacle restriction area, including:

(a) a temporary fence constructed for the purposes of the Airshow, located approximately 83 m from the centreline of the runway, that segregates the manoeuvring area and the Airshow exclusion area; and

(b) a temporary flying operations facility, constructed for the purposes of the Airshow, proposed to be approximately 6.6 m above ground level (not accounting for variations in existing ground level heights) and approximately 128 m from the centreline of the runway; and

(c) a hospitality chalet precinct which is approximately 5 m above ground level (not accounting for variations in existing ground level heights); and

(d) a spectator grandstand area, including flag posts, which extends to approximately 8 m above ground level (not accounting for variations in existing ground level heights).

Note Paragraph 7.1.1.2 of the Manual of Standards provides that the obstacle restriction area comprises the runway strips, runway end safety areas, clearways and taxiway strips. Each such term is also provided for in the Manual of Standards.

Exemption — obstacles on fly-over area

(2) For the purposes of regulation 11.160 of CASR, the aerodrome operator, in conducting operations on runway 18/36 for the purposes of the Airshow, is exempt from compliance with regulation 139.165 of CASR to the extent that the regulation requires the objects approved under subsection (1) to comply with the requirements of paragraph 6.2.22.3 of the Manual of Standards.

Note Paragraph 6.2.22.3 provides that no part of a fly-over area, or any object on it, must project through a plane:

(a) that starts along each other side of the graded area; and

(b) has an upward slope away from the graded area of more than 5%.

Conditions

(3) The approval under subsection (1), and the exemption under subsection (2), are each subject to the conditions in section 7.
7  **Conditions for the approval of obstacles and related exemption**

(1) This section sets out the conditions on:
   (a) the approval under subsection 6 (1); and
   (b) the exemption under subsection 6 (2).

(2) The aerodrome operator must ensure that a NOTAM is published that advises the fly-over area of runway 18/36 as not available at the time that structures and obstacles are within the fly-over area.

(3) As soon as obstacles are introduced into the obstacle restriction area of runway 18/36, the aerodrome operator must ensure that a NOTAM is published that provides information about the presence of the obstacles, including:
   (a) for each obstacle:
      (i) the specific location of the obstacle; and
      (ii) the height of the obstacle; and
   (b) that marking and lighting is to be applied to the obstacles; and
   (c) details of the lighting used.
   The NOTAM is to remain current until the obstacles are removed.

(4) A NOTAM mentioned in subsection (2) or (3) is to remain current until the obstacles are removed.

(5) As soon as objects are introduced within the obstacle restriction area of runway 18/36, the aerodrome operator must ensure that an AIP Supplement is published that provides detailed information about:
   (a) the reduction of the runway strip; and
   (b) the objects within the obstacle restriction area of runway 18/36, before, during and after the Airshow.

(6) Each object mentioned in subsection 6 (1) that projects through a plane that starts along each outer side of the graded area and has an upward slope away from the graded area of more than 5%:
   (a) must be obstacle marked; and
   (b) must be obstacle lit.

(7) The temporary fence mentioned in paragraph 6 (1) (a) must be marked with alternating red and white, or orange and white, barriers.

(8) The aerodrome operator must seek confirmation, in writing, from each aircraft operator (other than an Airshow participant) before the aircraft operator uses the aerodrome following the commencement of this instrument:
   (a) that the aircraft operator has been advised of the presence of the obstacles in the overall runway strip on runway 18/36; and
   (b) that the aircraft operator is able to operate on the runway with a reduced width of 150 m.

(9) The aerodrome operator must obtain information from the Airshow operator, in writing, before the Airshow operator commences activities at the aerodrome, that each of the participants in the Airshow has been advised of the presence of the obstacles.

(10) Any incident that relates to the activities of the aerodrome operator (following the commencement of this instrument) or the Airshow operator must be reported to CASA as soon as practicable and not later than 24 hours after the incident.