



SAFETY ALERT 2019-04

Issue 01

Date of Issue: 5th November 2019

SUBJECT:

WAKE TURBULENCE MANAGEMENT FOR ANSPs AND AIRCRAFT OPERATORS

REFERENCE PUBLICATIONS:

PRELIMINARY REPORT AIFN/0007/2019

SAFETY ALERT 2017-10

AUSTRALIA AIC H30/17

Following the accident occurred on 16th May 2019 related to a loss of control on approach during runway lighting calibration flight, the GCAA has further identified inconsistencies in procedures established by ANSPs regarding the handling of traffic operating under the Visual Flight Rules.

This Safety Alert is to issue recommendations to Air Navigation Service Providers and Aircraft Operators and Flight Crew about the outcome of all investigations conducted following the above mentioned accident.

RECOMMENDATION 1:

Air Navigation Service Providers should ensure that their management system takes into consideration:

- a) the outcomes of the abovementioned investigation report;
- b) ICAO Annex 11, ICAO PANS-ATM, and applicable published regulations in terms of:
 - 1) available procedures for air traffic controllers;
 - 2) Associated training to ensure procedures are understood and adhered to.
- c) methods for the handling of VFR flights with, at least, due consideration to:
 - 1) Separation;
 - 2) Traffic information; and
 - 3) Wake turbulence.
- d) the hazards of aircraft wake turbulence and action to take when aircraft experience a wake encounter. Several best practices exist, refer to Safety Alert 2017-10 and Australia AIC H30/17

RECOMMENDATION 2:

An aircraft operator¹ should ensure that pilots are:

- a) aware of the outcomes of the abovementioned investigation report;
- b) competent when conducting VFR flights and in particular when it comes to:
 - 1) Separation;
 - 2) Traffic information; and
 - 3) Wake turbulence.
- c) provided information on wake vortex behaviour; and



- d) alerted to the hazards of aircraft wake turbulence, and train them on operational procedure to avoid or deal with wake turbulence encounters. Several best practices exist, refer to Safety Alert 2017-10 and Australia AIC H30/17

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ⁱ "Aircraft Operator" means an organization or an individual engaged in aircraft operations.