

AERODROME EMERGENCY PLAN AMENDMENT

SI REF -	12/2019	DATE OF ISSUE -	19 th December 2019	EFFECTIVE DATE -	20 th December 2019
AERODROME MANUAL/ AOI REF(S) -	Aerodrome Emergency Plan, Part E, Section 6				

Please be advised of the following changes to Part E, Section 6 of the Aerodrome Emergency Plan.

Replace section 2 with the following:

2. Water Supplies

- 2.1 Additional water supplies are required to ensure rapid replenishment of the RFFS appliances for use at an aircraft incident. These supplies are available to RFFS and LFRS from 4 pressurised sources, which are detailed below.
- 2.2 A 100mm town main hydrant system which enters the Airport at 6 locations, 2 of which are Severn Trent water authority bypass valves. The main has 15 hydrants in total.
- 2.3 A 150mm airport ring main, supplemented by a 440,000 litre underground tank, and a pump which maintains a constant pressure throughout the system of 7 bar through any 2 hydrants. This system consists of 26 hydrants landside and airside.
- 2.4 A 150mm runway hydrant system comprising of a 132,000 litre capacity tank **which feeds hydrants on the runway, situated in the runway shoulders.** These hydrants are pressurised by a series of pumps to a maintained pressure of 7 bar and are supplemented by a 132,000 litre above ground static tank on the North side of the runway. The hydrants have the facility to be fed by gravity using the bypass valve on the pump house if any failure of the pump occurs.
- 2.5 The west apron hydrant system comprising of a 125mm hydrant ring main with 13 hydrants fed by 2 x 70,000 litre capacity tanks.
- 2.6 Should any of the hydrant systems require closing down completely, for contractual maintenance the RFFS must be informed. RFFS will then provide an additional water carrier if available. Where there is no availability for this, LFRS will be informed.

Originator -	Fire Service Manager	Confirmed By -	Head of Fire and Airfield Operations
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