

Aerodrome Rescue & Fire-fighting Service
Response Area Assessment
Template

Defence Fire Safety Regulator

DFSR

Station Name		
Aerodrome Rescue & Fire-fighting Service Response Area Assessment		
Date		

Intentionally Blank

Contents

Contents					
Introductio	on				
Aim					
Observatio	ons				
Conclusion	n				
Crash Map – Route Map					
Fire Station Manager (FSM) / Station Fire Officer (S Fire O)					
FSM / S Fi	re O Name				
FSM / S Fi	re O Signature				
Date					
Aerodrome C	Operator (AO)				
AO Name					
AO Signat	ure				
Date					
Review					
Review Date	Reason for Review	Assessor Signature	AO Signature	Remarks	

1 Introduction

1.1 The operational objective of the ARFF Service is to achieve response times of two minutes and are not to exceed three minutes to any point of each operational runway, as well as to any other part of the operating area (response area), in optimum surface and visibility.

2 Aim

2.1 The aim of this assessment is to analyse the optimum response routes within the aerodrome boundary that ARFF vehicles are likely to use. This will provide an overview of the aerodrome response area.

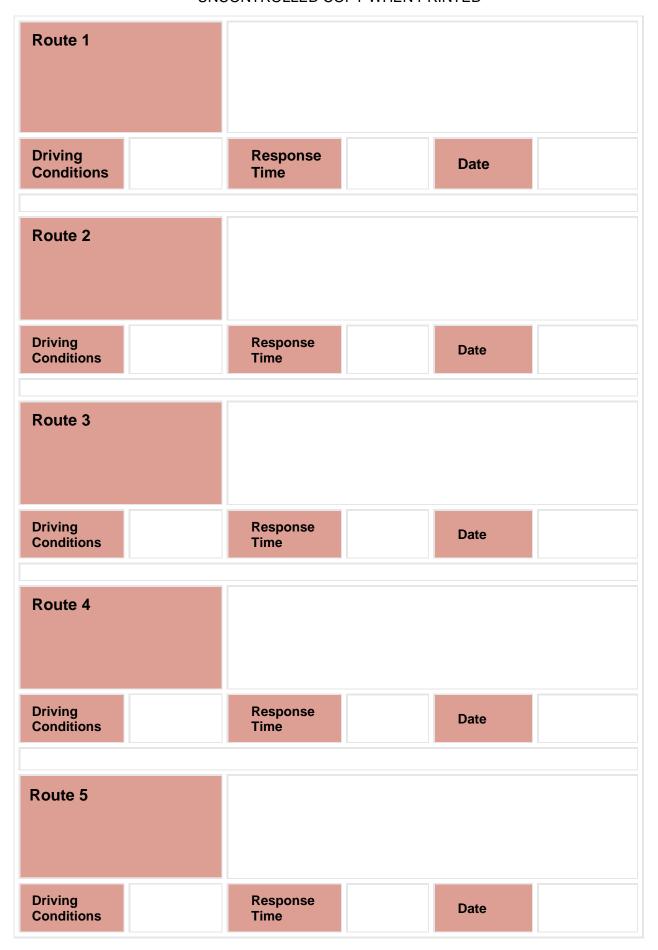
3 Objective

A.3.1 To assess response times taken to travel from the fire station to five predetermined locations. One of the locations must capture the furthest point on the aerodrome from the fire station where aircraft operate. The time taken to respond i.e. 1.54 minutes, should be recorded for each route.

4 Risk Analysis - Optimum Response

4.1 Response exercises were conducted at the five predetermined locations identified below:

Location 1:	
Location 2	
Location 3	
Location 4	
Location 5	



4.2 Additional factors which affect an effective response.

Standard Operating Procedures	
Call handling	
Alerting system	
Position of the fire station or standby area	
Position of training area where a response may be made from	
Suitable access roads and routes	
Visibility and surface conditions	

Clear route	
Vehicle performance	
Vehicle maintenance	
Competent staff	
Communications	
Effective safety culture	
Effective leadership and Incident Command	

Human factors	
Monitoring and review including records	
Extraneous Duties	

4.3 Identified risks are recorded in the Unit Risk Register, the Aerodrome Operating Hazard Log within the DAM and are elevated to the DDH/AM(MF) with the implications for the provision of the ARFF category

5 Conclusion

6 Review

6.1 Review of the Response Area assessment is undertaken by the FSM on an operational needs basis and revisited at planned two yearly intervals or when any material change has occurred at the aerodrome which may affect the emergency response.

Crash Maps, Aerial Photos and Images supporting this Assessment can be found at the following locations;