RESCUE SOUTH AFRICA

AVIATION RESCUE

Preamble

The instructors that will be presenting this programme are considered specialists in the field.

Intended Audience

This course is designed for any persons who in the course of their normal duties would be required to function and work with aircraft in the rescue environment.

Desired Outcome

The aim of this course is to provide you with the knowledge, skills and insight needed to function and work with aircraft in the rescue environment.

Duration: 4 Days

Min/Max No of Delegates: 10/14

Course Prerequisites

Grade 12 (NQF4) certificate or equivalent ABET / RPL recognition

Medical certificate indicating that you are in good health

Current HPCSA registration as a Rescue Practitioner with High Angle 2

Successful completion of the institutions physical fitness assessment

Must be able to tread water for 10 minutes and swim 200 meter in 6 minutes or less

Core Content

Knowledge, skills and insight pertaining to the general background of aircraft used in rescue operations.

As most rescue operations involve rotor winged aircraft the section on fixed wing is merely introductory and should be considered an alternative method of transporting the already rescued victim to an appropriate medical facility. In addition, fixed wing aircraft may be of some use for reconnaissance and search operations.

Knowledge, skills and insight pertaining to the working with and around rotor-winged aircraft.

Course Details

The aim of this course is to provide you with the knowledge, skills and insight needed to function and work with aircraft in the rescue environment. The academic and practical standards of this course are in line with those of the Tertiary Medical Rescue Technology Courses offered as part of the National Diploma / B Tech Degree for Emergency Medical Care, and as such fulfil the registered SAQA outcomes for this field. Each section has been carefully designed to provide you with important learning tasks and experiences, each of which is linked to an expected learning outcome.

On completion of each section it is important that you refer to the expected learning outcomes stated at the end of the section and ask yourself:" Have I achieved all the outcomes as stated?" If the answer is no, then the onus is on you to approach your lecturer and or revisit the learning content to ensure that remedial intervention is initiated. It cannot be over emphasised that you will be assessed both during the module and on completion thereof in order to measure to what extent you have achieved the learning outcomes as stated. Simply put; the assessment criteria are directly linked to the various learning outcomes, failure to achieve the learning outcomes will result in you having to repeat the module.

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Course Outline

Section A Introduction to aviation Rescue

Section B Fixed Wing Aircraft

Section C Rotor Wing Aircraft

Section D Introduction to Aircraft

Section E Land and Water Rescue

Section F Trooping into and out of Rotor Wing Aircraft

Section G Hoisting and Lowering with Aircraft

Section H H-Frames

Section I Long Lines