

SECTION THREE – AIR LIFTING SYSTEMS

INTRODUCTION

Air lifting systems can be useful in a wide range of operational situations, including road traffic accidents, collapsed buildings, tunnels or trenches and other incidents where conventional jacking methods may be impractical. There are two main types of air lifting systems currently used within Shropshire Fire and Rescue Service. These are:-

- MFC Air Bags (Types A and B) which operate at relatively low pressure
- Vetter Lifting Bags (Type V40 and V68) using high pressure air

This note contains technical information on both types of bag and the associated equipment used with each system. The first section deals with the two types of low pressure MFC air bags carried on Brigade appliances whilst the second refers to the high pressure Vetter lifting bags.