



# *NorCal FOOLS*

## TRAINING BULLETIN

**TOPIC:**        **RAPID INTERVENTION- RIT PAK**

**DATE:**        December 14, 2007

**PAGES:**       6

### **TECHNICAL INFORMATION:**

Manufacture:        SCOTT  
Model:                RIT-PAK II  
Air Supply:          60 Minutes  
Pressure:            4500 psi  
Volume:              87 cubic feet



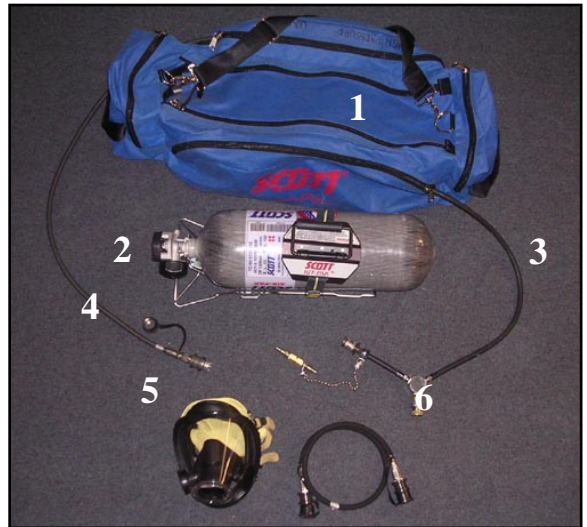
The RIT-PAK is a portable air supply that is intended for use by a Rapid Intervention Team as an emergency source of breathing air to supply air to a respirator being used by only person while that person is being evacuated from an atmosphere requiring respiratory protection. However, the RIT PAK does not contain any “End-Of-Service” alarming systems. The alarming systems that are part of the SCBA may become non-functional, depending on what RIT PAK attachments are connected to the SCBA. The only indicator of the air pressure contained in the RIT PAK is the pressure gauge located on the PIT PAK bottle.

For example, when the Dual Emergency Breathing Support System (EBSS) from the RIT PAK is hooked up to the Dual EBSS on the SCBA the low air alarms will be rendered useless because this procedure is by-passing all of the integrated PASS systems in the SCBA.

## **RIC PAK COMPONENTS:**

(Photo-1)

1. Carrying Case
2. 60 minute Bottle
3. 20 foot High Pressure hose with RIC UAC connector.
4. 20 foot Low Pressure hose with Dual EBSS connector
5. Face Mask
6. 3 foot High Pressure Pig Tail with RIC UAC connector.
7. Spare Regulator with EBSS connector. (Not Pictured)



## **REGULATOR:**

(Photo-2)

The pressure reducing regulator consist of two hose attachments, the RIC UAC and the Low Pressure regulator with the Dual EBSS connectors.

The high pressure (braided) hose is for use with the RIC UAC adapted. The air pressure in the high pressure hose is non-regulated (reduced) and will contain the pressure that is equal to the pressure in the air supply source (bottle). The RIC UAC will connect to any respirators that are in compliance with NFPA 1981 ( 2002 ed).

The Low Pressure regulator and Dual EBSS Manifold is designed to connect directly to any SCOTT Dual EBSS connector or to a face mask regulator.



*Photo-2: Pressure Regulator*

**LOW PRESSURE HOSE:**

(Photo-3)

The low-pressure airline hose assembly consists of a manifold with two fittings. One of these fittings is the Scott Emergency Breathing Support System (EBSS) with a quick connect female coupling. Attached to the end of EBSS connector is a double male adapter that can be used to connect female to female EBSS connections. This also allows the wearer to be connected to a remote air source, which may be up to 300 feet away.

The second fitting is a Schrader universal fitting that can adapt to other SCBA manufacturers.



*Photo-3: Low Pressure Manifold with EBSS*

## HOW TO CONNECT TO THE RIT UAC

### 1. TURN ON AIR CYLINDER

Photo-1

- Open RIT PAK top zipper
- Turn on Air Bottle
- There will be **NO** audible low air alarm self-check



*Photo-1*

### 2. REMOVE HIGH PRESSURE HOSE

Photo-2

- From side pocket
- Remove protective cap from fitting



*Photo-2*

### 3. CONNECT TO UAC ON AIR PAK

Photo-3

- Remove protective cap from fitting
- Connect UAC hose to AIR PAK
- Push until you feel a “CLICK”
- Check Remote Regulator on SCBA to ensure pressure increases
- Low Alarm and vibra-aleart should stop activating.
- Reset alarm



*Photo-3*

## HOW TO CONNECT TO THE DUEL EBSS

### 1. TURN ON AIR CYLINDER

Photo-1

- Open RIT PAK top zipper
- Turn on Air Bottle
- There will be **NO** audible low air alarm self-check



*Photo-1*

### 2. REMOVE LOW PRESSURE HOSE

Photo-2

- From side pocket



*Photo-2*

### 3. CONNECT TO EBSS (Option-1)

Photo-3

- Remove protective cap from fitting
- Connect EBSS hose to AIR PAK EBSS
- Male to Female fitting
- Push until you feel a “CLICK”



*Photo-3*

4. **CONNECT TO EBSS (Option-2)**

Photo-4

- Remove protective cap from fitting
- Connect EBSS hose to AIR PAK EBSS
- Female to Female using double male adapter fitting
- Insert double male into both female couplings but do not connect
- Push all fittings together at once until you feel a “CLICK”



*Photo-4*