



Fauquier County Fire Operations Group



Scott Air Pak 75 In-Service Training



Fauquier County Fire Operations Group



Objectives

- Identify the features of the New Scott AP75 as compared to the current AP50 SCBA.
- Identify the location and operation of the various features of the New AP75 airpaks.
- Identify and perform the emergency procedures associated with the use of the AP75.
- Identify and perform the emergency procedures associated with the Scott, EZ-Scape I.



SCOTT AIR PAK 75



- Different Features from the Scott 50 air pak
 - Pak Tracker Locator System
 - Emergency Breathing Support System (Dual EBSS)
 - Side carry handles on each side of pack
 - New Pak Alert design
 - Drag strap at top of air pack
 - New cylinder retention release holder
 - Pack uses 6 AA batteries only to operate
 - Waist belt is repel belt with Carabineer, Crosby Hook, descender device and 50ft of Kevlar Webbing



Scott 75 Air Pak





PAK-TRACKER PASS DEVICE



AIR-PAK™ 2.2 - 30 MINUTE RATED DURATION
THIS SCBA MEETS THE REQUIREMENTS OF NFPA 1981, STANDARD ON OPEN-CIRCUIT SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR EMERGENCY SERVICES, 2007 EDITION.
"DO NOT REMOVE THIS LABEL"
WARNING
FOR RESPIRATORY PROTECTION, SCBA MUST BE WORN AND USED AS SPECIFIED IN MANUFACTURER'S INSTRUCTIONS. DO NOT USE SCBA MADE FOR ANY FIRE FIGHTING OR INDUSTRIAL OPERATIONS. ADDITIONAL PROTECTIVE CLOTHING AND EQUIPMENT IS REQUIRED FOR PROTECTION. OPERATE AND MAINTAIN THE SCBA ONLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. NO PROTECTIVE EQUIPMENT CAN PROVIDE COMPLETE PROTECTION FROM ALL CONCENTRATIONS OF TOXIC GASES OR FUMES. FAILURE TO COMPLY WITH THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH.
MANUFACTURED BY SCOTT HEALTH AND SAFETY
A DIVISION OF SCOTT TECHNOLOGICAL, INC.
LABEL P/N 310703G REV C 007

NIOSH
CBRN Agent Approved
See Instructions for Required Component Part Numbers, Accessories, and Additional Cautions and Limitations of Use
LABEL P/N 1862374 REV A 100

PAK-ALERT SET7 PASS DEVICE 1182
P/N 2004574/1/11
P/N 2004574/2/11 (W/10/10/09)
TRAINING IS REQUIRED BEFORE USE
REFER TO THE SCOTT USER MANUAL
OPEN BATTERY COVER ONLY IN A SAFE HAZARDOUS AREA. ALWAYS SERVICED BATTERIES AT THE SAME TIME.
USE ONLY EVEREADY ALKALINE 1.5V BATTERIES AT THE SAME TIME.
MAX 1500 OR MAX 1500
SCOTT HEALTH & SAFETY, INC.
P/EN 1182/010
REV. 11/09

INS
PERF
AN
PLACIN

LED INDICATORS

6 AA Batteries



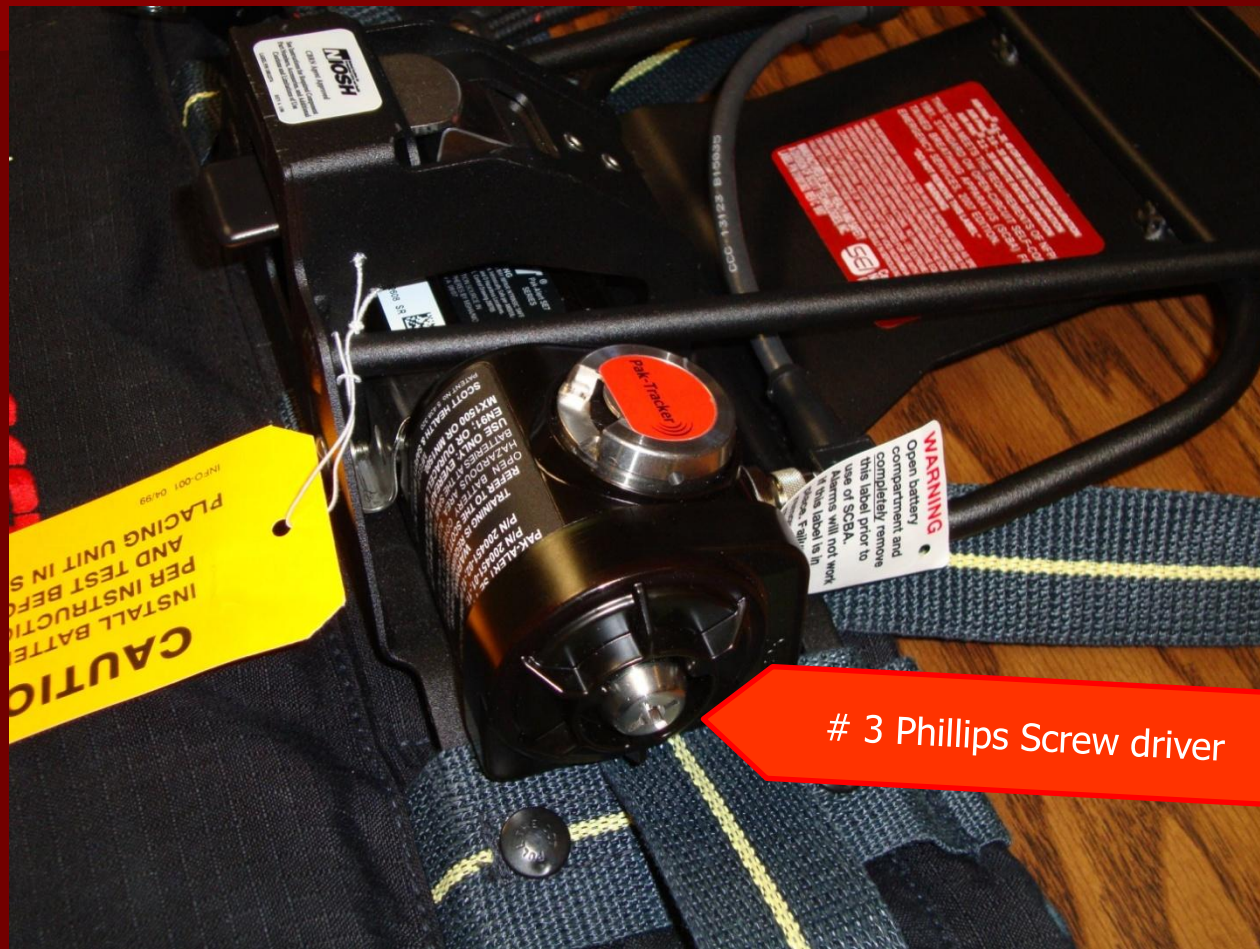
LED INDICATOR LIGHTS ON SENSOR



- Start up PASS-- Bright Light then Flash GREEN
- Normal Operation- Flashes Green
- Low Air Cylinder- Flash Orange (alternately)
- Low Battery- Flash Orange once a second
- Battery Test (unit off)- Press Reset (Green- good, RED-low)
- Manual Alarm (off)- Flash Green then Full Alarm Red
- Pass Pre-Alarm – Flash Red (alternately)
- Pass Full Alarm- Flash Red (simultaneously)



Pak Tracker Battery Access



3 Phillips Screw driver

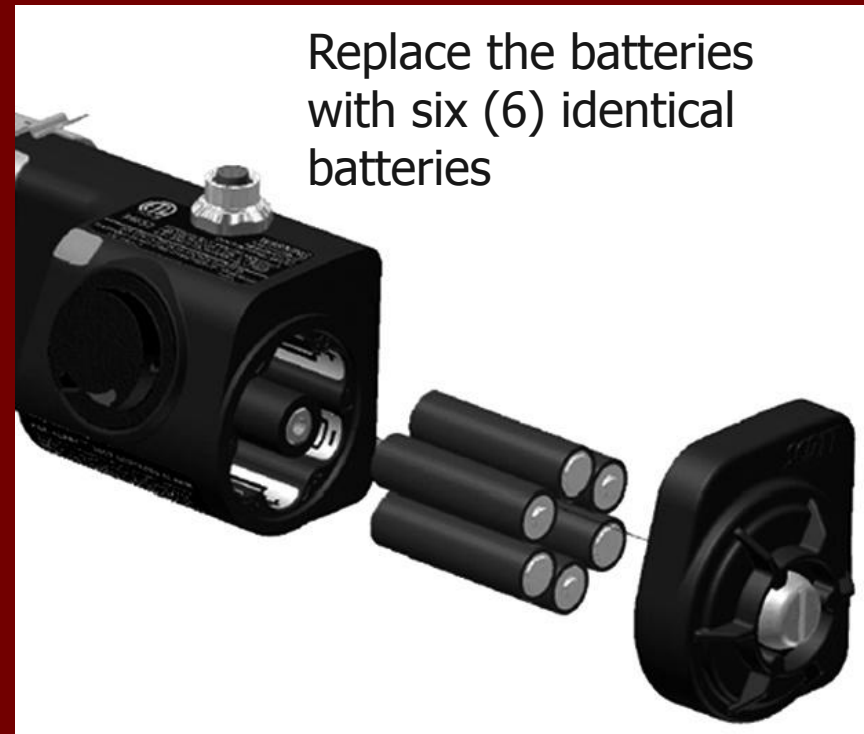


Changing Batteries

Remove the cover



Replace the batteries





Pak-Alert SE-7 Integrated Pass Device





Dual EBSS Pouch





In-Line Air Supply & Buddy Breather



REMOTE AIR HOOK UP

BUDDY BREATHING HOOK UP



Pressure Reducer





Mask to Buddy Breather





Mask to Buddy Breather & to Another Air Pak





Buddy Breather to Buddy Breather





Buddy Breather to Buddy Breather Up Close





Mask to Buddy Breather & to Another Air Pak





Practices to Remember

- When hooking up your buddy breather remember that the system will work off of the lowest pressure first, then switch to the next highest pressure
- After hooking up to the low air person, all vibralerts will go off until you drain the lowest unit of air then they will switch to the unit with higher air pressure
- Can daisy chain as many people as possible to hook up to each other
- The more people connected together, the shorter the duration of the air supply (more people breathing off one air source)
- Can use buddy breather to hook up in-line air source (Air Carts, RIT Packs, Air Reels with adapters)



Downed Firefighter Drag Strap





Cylinder Release Strap (Retention Lock)





UAC Connection



Relief Valve

UAC CONNECTION



EZ-Scape 1 Self Rescue Belt





EZ -Scape 1 Self Rescue Belt NFPA 1983 Compliant (2006 Edition)



■ PARTS INCLUDED



- Alum D Carabineer
- Crosby Hook
- AL Descent Device
- 50' Kevlar Webbing
(5000lb Static Load)

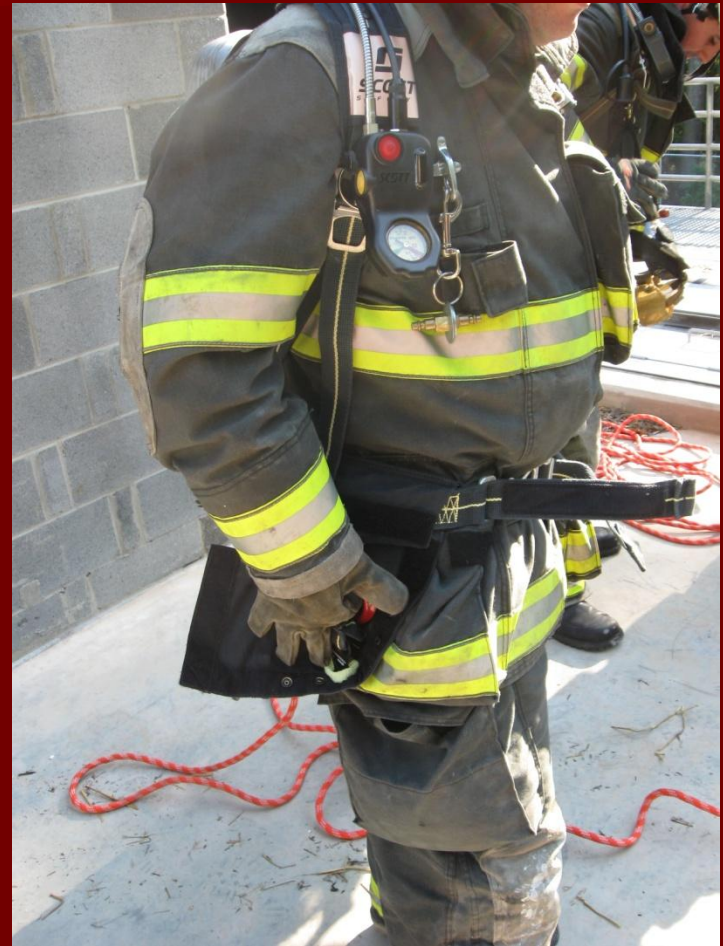


Deployment



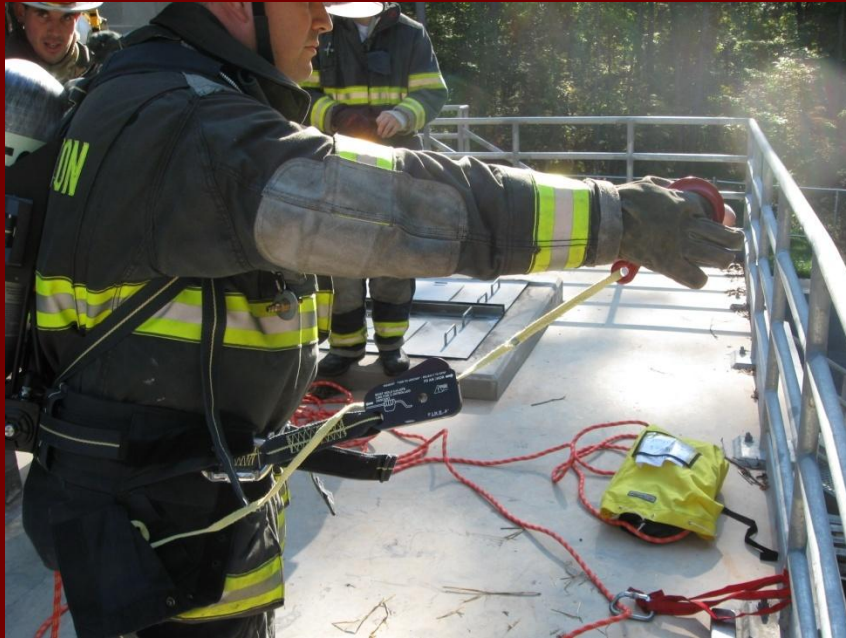


Deployment





Deployment



- Once the Cosby Hook has been deployed find a suitable anchor point
 - The hook is designed to hook onto a window sill
 - Note: Do NOT remove the carabineer from the waist belt



Deployment



- Make sure the webbing is long enough to have the decent control device outside the window



Roll out of the window, head first





Deployment



- Grasp and squeeze the decent control device to lower yourself to the ground



Repacking the EZ Scape 1



- Open the Velcro enclosure waist belt and pull the webbing holder out of the pack





Repacking the EZ Scape 1

- Measure the length of the webbing to the length of the tube
- Using the repacking tool; insert the webbing into the tube





Repacking the EZ Scape 1



- The first tube should only have two loops of webbing in it
- The remaining tubes should all have three loops
 - This ensures the webbing will fit evenly in the tube system





Repacking the EZ Scape 1



- Fold pouch lengthwise over so that the Velcro is facing up





Repacking the EZ Scape 1



- Insert the pouch into the waist belt





Repacking the EZ Scape 1



- Place the Crosby hook into the pocket on the waist belt





Repacking the EZ Scape 1



- Flip the carabineer into place and put the decent control device on top of the Crosby hook





Repacking the EZ Scape 1



- Close all the Velcro and button the snaps
- The belt is now ready for deployment

