

9. A RESOLUTION AUTHORIZING A PURCHASE OF FIRE EQUIPMENT

STAFF REPORT _____

QUESTIONS FROM COUNCIL ON STAFF REPORT _____

RESOLUTION NO. R-70-16

A RESOLUTION OF THE PULLMAN CITY COUNCIL AUTHORIZING THE PURCHASE OF SELF-CONTAINED BREATHING APPARATUS EQUIPMENT FROM MUNICIPAL EMERGENCY SERVICES THROUGH AN INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT BETWEEN THE CITY OF PULLMAN AND NATIONAL PURCHASING PARTNERS. _____

DISCUSSION _____

ACTION TAKEN _____

NOTES:

REQUEST FOR COUNCIL ACTION

For Meeting of: 11/01/16

ACTION REQUESTED:

Authorize the purchase of replacement self-contained breathing apparatus equipment for the Fire Department

BACKGROUND:

The current Fire Department self-contained breathing apparatus (SCBA) equipment was purchased in 2002 with a mandatory use life of 15 years; so they need to be replaced by the end of 2017. Replacement SCBAs were originally included in the 2017 Capital Improvement Program but that proposal was withdrawn when FEMA grant #EMW-2015-FO-07187 in the amount of \$758,058 was awarded to the City for portable radios and SCBAs. Authorization was provided at the October 4 Council meeting to purchase the portable radios from Motorola Solutions through a state master purchasing contract for a total cost of \$304,766 and a ten percent match of \$30,477. The desired SCBA's are available from Municipal Emergency Services through an intergovernmental purchasing agreement with National Purchasing Partners that was approved at the October 18 Council meeting and it is proposed to purchase the replacement SCBAs through that venue. The proposed purchase is for 59 SCBA airpaks, 60 masks, 128 bottles, and related equipment for a total cost of \$426,157.12. Ninety percent of the cost is grant eligible with a ten percent match of \$42,616, to be paid from the General Fund. This expense has been accounted for in the budget.

RECOMMENDATION:

Adopt the attached resolution authorizing the purchase of self-contained breathing apparatus equipment from Municipal Emergency Services through an intergovernmental cooperative purchasing agreement with National Purchasing Partners

FISCAL IMPACT:

\$426,157.12
001.2200.594.22.64.00
BARS Code Number

SUBMITTED BY:

Name Mike Heston
Title Fire Chief
Dept. Fire

ATTACHMENTS FOR COUNCIL REVIEW/ACTION:

- 1. Resolution No. R-70-16

REVIEWED BY:

	Initial	Date
Department Head		
City Supervisor	<u>MW</u>	<u>10/27/16</u>
City Attorney	<u>mej</u>	<u>10/27/2016</u>

(As to Form)

RESOLUTION NO. R-70-16

A RESOLUTION OF THE PULLMAN CITY COUNCIL AUTHORIZING THE PURCHASE OF SELF-CONTAINED BREATHING APPARATUS EQUIPMENT FROM MUNICIPAL EMERGENCY SERVICES THROUGH AN INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT BETWEEN THE CITY OF PULLMAN AND NATIONAL PURCHASING PARTNERS.

WHEREAS, pursuant to PCC 1.107.080, The City Council hereby authorizes the purchase of goods and services from a purchasing contract available through a local governmental unit in accordance with Chapter 39.34 RCW; and,

WHEREAS, Pullman Fire Department applied for and was awarded FEMA Assistance to Firefighters Grant #EMW-2015-FO-07187 for replacement of self-contained breathing apparatus (SCBA) equipment; and,

WHEREAS, the South Davis Metro Fire Agency, through National Purchasing Partners has available SCBA equipment from Municipal Emergency Services that will meet the needs of the Pullman Fire Department and satisfy all competitive procurement requirements; now, therefore,

IT IS HEREBY RESOLVED by the City Council of the city of Pullman that the Mayor and the Finance Director be and they are hereby authorized and directed to execute all documents necessary to purchase 59 SCBA airpaks, 60 masks, 128 bottles and related equipment from Municipal Emergency Services through an Intergovernmental Cooperative Purchasing agreement with National Purchasing Partners in accordance with the quote attached hereto as Exhibit "A".

IT IS FURTHER RESOLVED that the Mayor and Finance Director are hereby authorized to take further action as necessary in order to effect the purposes of this resolution.

ADOPTED by the City Council of the city of Pullman at a regular meeting held on the _____ day of _____, 2016.

DATED this _____ day of _____, 2016.

Mayor Glenn A. Johnson

ATTEST:

Finance Director Leann L. Hubbard

Approved as to Form:

City Attorney



Quote

Date 10/21/2016
 Quote # QT1053908
 Expires 11/20/2016
 Sales Rep Varner, Joshua W
 PO #
 Shipping Method FedEx Ground

Bill To
 PULLMAN FIRE DEPARTMENT
 620 S GRAND AVE
 PULLMAN WA 99163-2135

Ship To
 PULLMAN FIRE DEPARTMENT
 620 S GRAND AVE
 PULLMAN WA 99163-2135

Item	Alt. Item #	Units	Description	QTY	Unit Sales Pri...	Amount
Scott X3	X34152220302		X34152220302 Scott X3 X3 5500 Airpak Dual EBSS, QD Reg, Pak Tracker, EZ Scape Pro	54	6,645.00	358,830.00
201215-05-MD			AV3000 HT, KEVLAR HEADNET, SIZE MEDIUM, RIGHT SIDE COMM BRKT	54	288.00	15,552.00
200970-01			CYL&VALV,QD,CARB,45/5500 ASSY	54	1,170.00	63,180.00
200970-01			CYL&VALV,QD,CARB,45/5500 ASSY	54	1,170.00	63,180.00
Scott Part			Scott Part EPIC 3 RDI Bluetooth Voice Amp	54	521.75	28,174.50
Scott Part	201564-02		201564-02 Scott Part Fast Attack RIT Pak	5	2,330.00	11,650.00
Scott Part	201568-01		201568-01 Scott Part Cyl & Vlv 45/5500 CGA	3	1,170.00	3,510.00
Scott Part	201568-01		201568-01 Scott Part Cyl & Vlv 45/5500 CGA	2	1,170.00	2,340.00
201215-05-MD			AV3000 HT, KEVLAR HEADNET, SIZE MEDIUM, RIGHT SIDE COMM BRKT	20	288.00	5,760.00
Scott Part			Scott Part EPIC 3 RDI Bluetooth Voice Amp	6	521.75	3,130.50
Used Airpak Credit				49	(3,265.00)	(159,985.00)

Subtotal 395,322.00
 Shipping Cost (FedEx Ground) 0.00
 Tax Total 30,835.12
 Total \$426,157.12

This Quotation is subject to any applicable sales tax and shipping & handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current local tax information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.

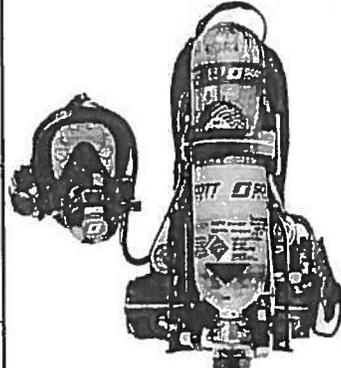
Exhibit "A"



QT1053908

FEATURES AND BENEFITS

AIR-PAK X3 SCBA

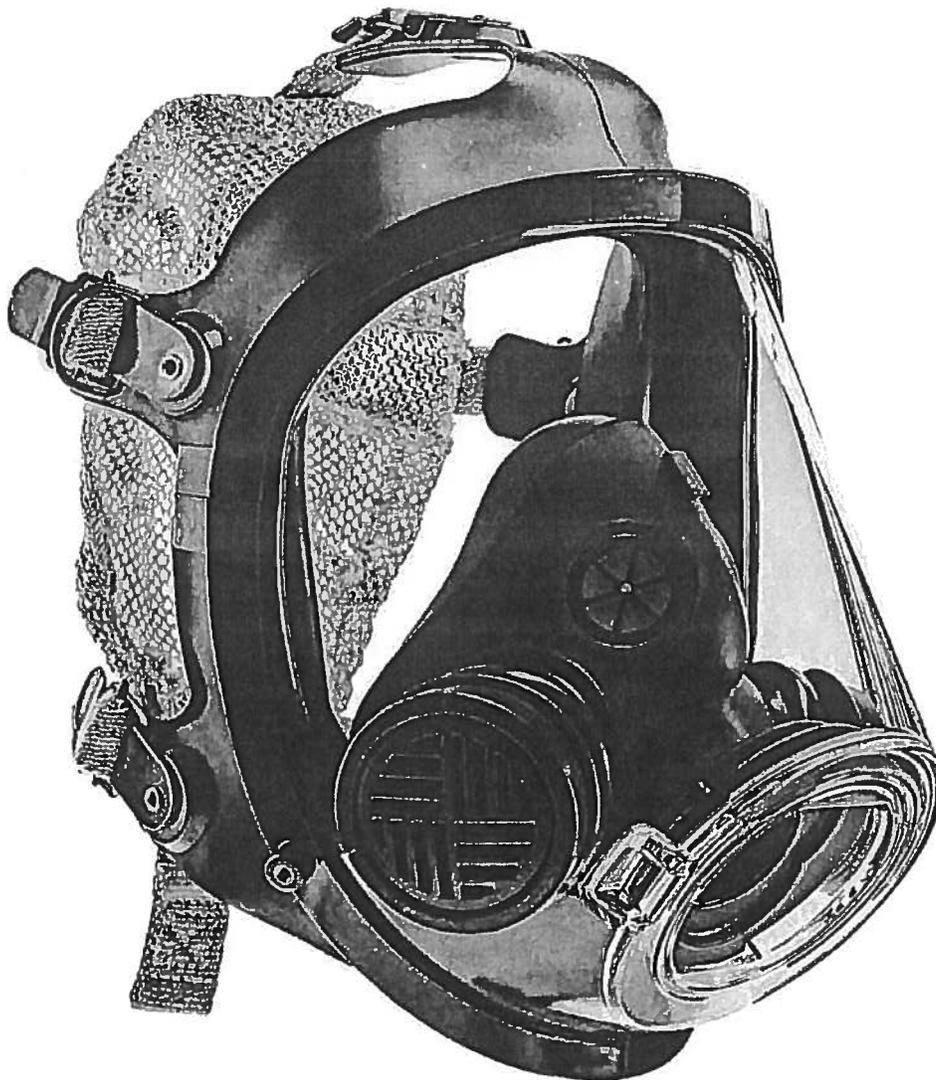
COMFORT			
FEATURE	BENEFIT		
Weight Management	<ul style="list-style-type: none"> Pressure reducer placed at waist 	<ul style="list-style-type: none"> Less stress on shoulders Optimized center of gravity 	
Ergonomic Design	<ul style="list-style-type: none"> Design focused on backplate contours 	<ul style="list-style-type: none"> Reduced pressure points along back 	
New Shoulder Strap Configuration	<ul style="list-style-type: none"> Articulating shoulder strap assembly. Sewn Drag Rescue Loop (DRL) 	<ul style="list-style-type: none"> Mirrors movement of wearer during reaching and other overhead exercises. Resistant to shoulder pad rolling 	
SAFETY			
FEATURE	BENEFIT		
Redundancy of Safety Features	<ul style="list-style-type: none"> Pressure Reducer Drag Rescue Loop (DRL) Dual Piezos Dual EBSS Dual Voicemitters Vibralert 	<ul style="list-style-type: none"> Redundancy of safety features gives firefighters the confidence their equipment will not fail 	
Streamlined Design	<ul style="list-style-type: none"> Hose/Wire Management Cylinder Latch Cylinder Tri-slide UAC/RIC Fitting 	<ul style="list-style-type: none"> Minimizes chances of wires or other objects getting caught on the Air-Pak SCBA 	
Console Design	<ul style="list-style-type: none"> Large Sweep Gauge 	<ul style="list-style-type: none"> Easy reading of cylinder pressure remaining 	
FIREFIGHTER STATUS INDICATORS			
FEATURE	BENEFIT		
Status Lights	<ul style="list-style-type: none"> "Buddy Lights" 	<ul style="list-style-type: none"> Optimized positioning for improved visibility and recognition 	
Non-Verbal Communication	<ul style="list-style-type: none"> "External" HUD 	<ul style="list-style-type: none"> Unspoken team communication about other's air status 	

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AV-3000 HT FACEPIECE



SCOTT
SAFETY

APPROVED TO NFPA 1981®[®], 2013 EDITION STANDARD

NEW ADVANCED FACEPIECE TECHNOLOGY



Approved to the challenging requirements set forth in NFPA 1981, 2013 Edition, the AV-3000 HT combines the industry-leading AV-3000 SureSeal platform with next generation proprietary lens and bezel materials. These innovative materials are engineered to provide enhanced thermal durability and improved wearer safety.

• LOWER TOTAL COST OF OWNERSHIP

All AV-series facepieces offer the Scott Safety exclusive Top-Down Convertibility. This means you can use a single facepiece with a single fit test for all of your NIOSH, CBRN and NFPA-approved respirators.

• HIGH PERFORMANCE LENS AND BEZEL

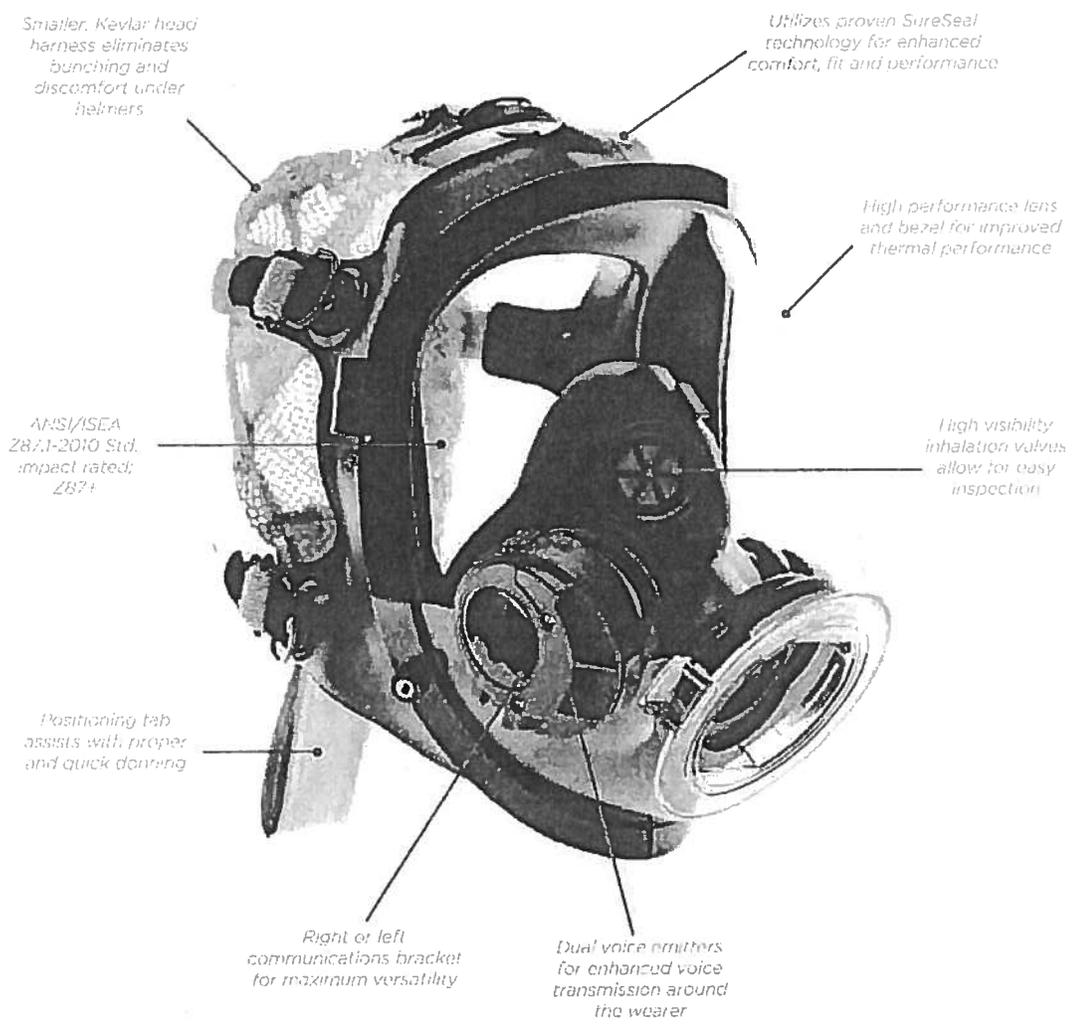
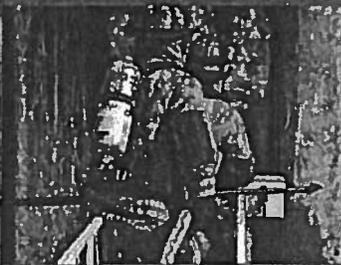
High performance materials in the lens and bezel meet the rigorous requirements laid out in NFPA 1981, 2013 Edition. These new materials enhance wearer safety by ensuring the facepiece maintains positive pressure when exposed to high heat and flame loads.

• 2013 EDITION PERFORMANCE FOR CURRENT AIR-PAK USERS

Approved with 2002 and 2007 Edition Air-Paks, the AV-3000 HT enables current Scott users to upgrade their facepiece with or without an SCBA purchase and gain the benefits of the more rigorous requirements set forth in the 2013 Edition.

• IMPROVED VOICE INTELLIGIBILITY

Redesigned voice communication components deliver outstanding voice intelligibility, exceeding the requirements of NFPA 1981, 2013. The dual voicemitters provide a sphere of intelligibility to those around the wearer, not just those directly in front.



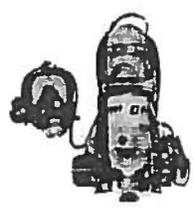
APPROVED WITH 2002 AND 2007 AIR-PAK SCBA

- Enables facepiece upgrade with current or new SCBA
- Current users benefit from improvements required by 2013 Edition Standard
- Approved with current and new communications systems



- Single facepiece for multiple applications
- Reduces fit-testing, cost and training
- Lower total cost of ownership

APPROVED CONFIGURATIONS (COMPLETE LIST ON BACK)



X3 and Air-Pak 75 SCBA (2013 Edition SCBA)



Air-Purifying Respirators



Powered Air-Purifying Respirators

EPIC 3

COMMUNICATION SYSTEM

LOUDER, CLEARER COMMUNICATIONS



Answering the market request for communication and intelligibility improvements, Scott Safety introduces the EPIC 3—the smartest, most durable and safest voice amplification communication system in the market. The EPIC 3 audible and visual operational indications make this system the safest in the market, earning STI scores above .65 and providing louder, clearer and more effective communication than other voice amplifiers in the market. The EPIC 3 best-in-class battery life, at over 50 hours, more than doubles that of the most popular models in the market.

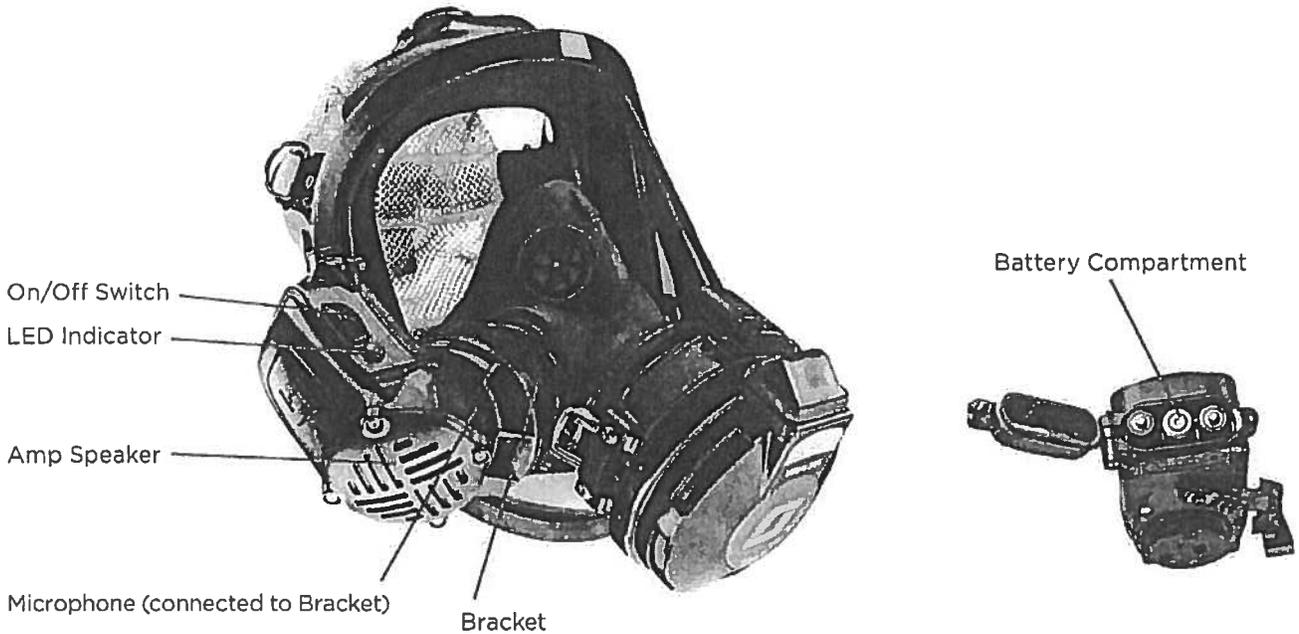
Submitted for NFPA 1981 2013 approvals, the EPIC 3 passed the heat and flame test, high heat and flame test, radiant heat test and the 30-minute tumble test, and holds IP 66 and 67 ratings. The EPIC 3 is backwards compatible to work with NFPA 1981, 2002 and 2007 SCBA.

PRODUCT HIGHLIGHTS

- Automatic Shutoff Amplifier reduces costs of battery replacement and improves equipment readiness
- Intrinsically safe for use with commercially available alkaline and NiMH AAA batteries
- Durable, rugged design is robust enough to withstand day-to-day rigors, even in the most extreme applications
- Ribbed, textured surface establishes more secure handling even with wet-gloved hands
- On/Off button with tactile surface makes it easy to recognize activation with a gloved hand or in a noisy environment
- Angled directional speaker projects an amplified voice in the direction the user is facing
- Upgradeable to include radio interface and talk-around, multi-channel functionality
- NFPA- and NIOSH-approved (NFPA approvals 2002/2007, submitted for 2013 approval)

EPIC 3

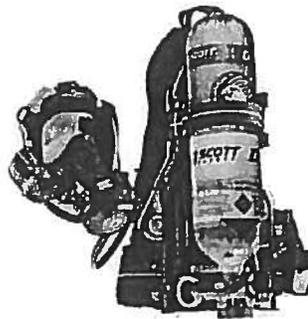
COMMUNICATION SYSTEM



RELATED PRODUCTS



AV-3000 HT FACEPIECE



AIR-PAK X3 SCBA

EPIC 3 ORDERING INFORMATION	
DESCRIPTION	PART NUMBER
EPIC 3 Voice Amplifier (Individually Packaged)	201275-01
EPIC 3 Voice Amplifier (Package of 25)	201275-0125

BATTERY LIFE	
TYPE	BATTERY LIFE
Alkaline AAA*	Greater than 50 hours
Nickel Metal Hydride Rechargeable AAA*	Greater than 40 hours

*specific batteries are required for intrinsic safety

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CYLINDERS

FOR USE WITH SCOTT SAFETY SELF-CONTAINED BREATHING APPARATUS



SCOTT
SAFETY

SCOTT SAFETY CYLINDERS

Over the years, breathing air cylinders have been providing SCBA users with a supply of fresh air. The original cylinders were made of steel and quite heavy. But today, advances in technology have enabled cylinders to become much lighter and less burdensome to the SCBA wearer. Scott offers a complete assortment of cylinders to meet the needs and demands of all SCBA users - aluminum cylinders for infrequently used SCBA to carbon-wrapped cylinders for daily use. In addition, Scott Safety offers cylinders in 30', 45', 60' and 75' durations (a Scott Safety exclusive).



5.5 CYLINDERS: INTRODUCING THE LIGHTEST AND SMALLEST CYLINDERS USED ON SELF-CONTAINED BREATHING APPARATUS

The best way to understand the needs of Air-Pak SCBA users is to simply listen. Scott Safety did just that by visiting SCBA users from across North America. The participants included fire chiefs, SCBA technicians, safety officers and firefighters. It was not exclusive to the fire service as representatives from the military, general industry and law enforcement were also included. The overwhelming attribute that users requested was a reduction in weight followed closely by a reduction in profile.

The engineers of Scott Safety determined the best manner to accomplish this was to increase the pressure of the cylinders to 5500 psig, which created the new 5.5 cylinders. The result is a cylinder that has more than a 10% reduction in weight and profile in a traditional form familiar to SCBA users. Another benefit to the 5.5 cylinder offering is the ease of integration into your department without the need of costly infrastructure changes. Scott Safety has worked with leading Truck Seat and SCBA Bracket manufacturers to ensure these products work with the existing products in the market. The construction continues to be an aluminum liner wrapped with layers of carbon fibers and fiberglass all sealed with a protective epoxy resin coating which makes the cylinder easier to clean. The 5.5 cylinders are available in 30' 45', 60' and new 75' durations.

The overall result is a lighter Air-Pak SCBA that reduces fatigue of the wearer, increases productivity and decreases injuries.

RIT-PAK III

DESIGNED BY FIREFIGHTERS AND RIT INSTRUCTORS FOR THE FIRE SERVICE INDUSTRY

When the call for action sounds, the last concern on the minds of the emergency response team should be the equipment it needs to rescue downed first responders and other victims. Scott's RIT-PAK III is an exceptional, universal tool upon which rescue teams can confidently rely.

Scott's RIT-PAK III is the industry's first all-inclusive emergency air-supply system and works impeccably in mutual aid situations, regardless of SCBA used by neighboring departments. Developed with input from RIT instructors and firefighters from across the country, Scott's RIT-PAK III is the most comprehensive RIT system on the market. Specifically designed for rapid intervention teams or emergency response teams, the RIT-PAK III is field designed and tested.

CARRYING DEVICE

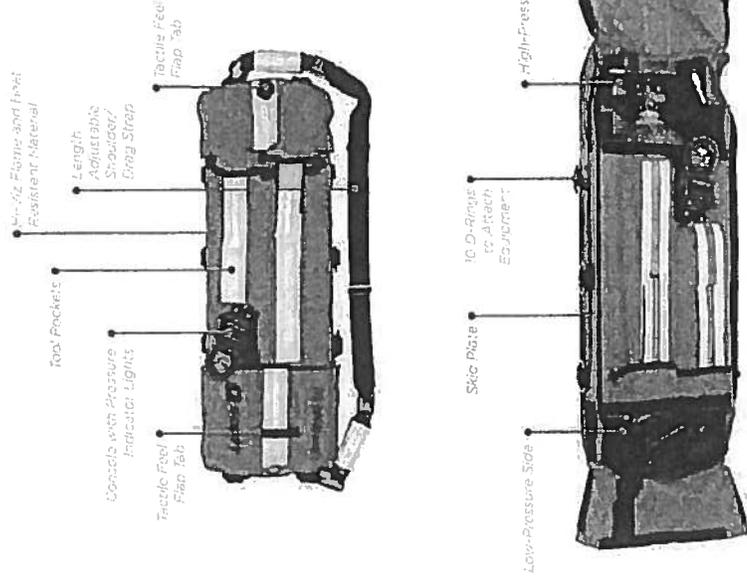
- A protective skid plate reduces friction when the RIT-PAK III is dragged and makes it easier to identify the orientation of the bag in low visibility, stressful environments.
- Two convenient storage pouches allow for easy access to rescue tools and rescue rope.
- The hi-viz orange material and reflective stripes improve the visibility of the RIT-PAK III.
- An easy-to-remove and adjustable length shoulder/drag strap allows for convenient carrying and dragging.
- Identifiable handles enable the user to determine the low-pressure side from the high-pressure side of the bag.
- Optional strap assembly to allow for the RIT-PAK III to be carried in a manner similar to a duffle bag.

PNEUMATICS

- An external pressure gauge provides pressure indicator lights to mimic those used on the heads-up display on the Air-Pak SCBA.
- A universal low-pressure hose can be equipped with quick-connect fittings that work with other manufacturers' SCBAs.
- An audible alarm at 25 percent of pressure complements the pressure indicator lights on the external pressure gauge.

FACEPIECE

- The facepiece, a modified AV-3000 with SureSeal, has a simple-to-use donning strap, making it quick and easy to strap onto a downed firefighter or victim.



FEATURES



CONSOLE

FACEPIECE

LOW-PRESSURE MANIFOLD

HIGH-PRESSURE SIDE INCLUDES:

- Cylinder Valve
- Pressure Reducer
- Audible Low-Pressure Alarm

LOW-PRESSURE SIDE INCLUDES:

- Facepiece
- Regulator
- Low-Pressure Manifold

BAG DIMENSIONS:

- Length: 33 in.
- Width: 16.5 in.
- Height: 8.5 in.

