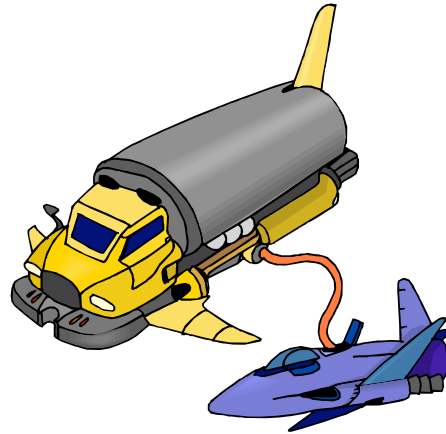




Electronic Systems For Aviation Fueling Safety



Intellitrol® Multi-channel Multi-function Control System

Item	Part #	Model / Description
	08909	IC-OGV Intellitrol, Overfill, Ground & V.I.P.
	08908	IC-OG Intellitrol, Overfill & Ground
	08907	IC-O Intellitrol, Overfill
Intellitrol®		
	08939	Bypass Authorizer, Intellitrol
	08951	Intelliview® Terminal Windows® Software
	09001	Kit,RS-232 To RS-485 Converter
	08156	SC- 6A Sculcon ® Junction Box Kit, Green Plug, Orange Coil Cable,30'
	07582	SC -6A Sculcon Junction Box Kit, Green Plug, Orange Straight Cable,20'
	08161	SC -6AO Sculcon Junction Box Kit, Blue Plug, Blue Coil Cable,30'
	08160	SC -6AO Sculcon Junction Box Kit, Blue Plug, Blue Straight Cable,20'
	08159	SC -6W Sculcon Junction Box Kit, Blue Plug, Blue Coil Cable,30'
	08139	SC -6W Sculcon Junction Box Kit, Blue Plug, Blue Straight Cable,20'
	08729	SC -8A Sculcon Junction Box Kit, Green Plug, Orange Coil Cable,30'
	07581	SC -8A Sculcon Junction Box Kit, Green Plug, Orange Straight Cable,20'
	08677	SC-8B Sculcon Junction Box, Green Plug, Orange Coil Cable, 30'
	08959	SC-8B Sculcon Junction Box Kit, Green Plug, Blue Straight Cable, 20'
	08248	SC-6A/D Sculcon Junction Box Kit, Green Plug, Coil Cable, Deadman Switch
	08674	SC-6W/D Sculcon Junction Box Kit, Blue Plug, Blue Coil Cable, Deadman Switch



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Electronic Systems For Aviation Fueling Safety

Rack Control Monitors

Note: Controller Models


Explosion-proof housing (**E**), Indicator Lights (**L**), Key (**K**) Lockable Bypass Switch, (**ID**) Deadman Switch Circuitry

ST-15 Single Point Thermistor Controller for Single Compartment Refuelers

Item	Part #	Model / Description
	07748	ST-15-115-E Single Point Thermistor Controller
	07528	ST-15-115-EL Single Point Thermistor Controller
	08748	ST-15-115-EL/D Single Point Thermistor Controller
	07677	ST-15-115-ELK Single Point Thermistor Controller
	08747	ST-15-115 ELK/D Single Point Thermistor Controller
	08156	SC-6A Sculcon Junction Box, Green Plug, Orange Coil Cable, 30'
	08248	SC-6A/D Sculcon Junction Box, Green Plug, Coil Cable, Deadman Switch
	07866	Indicating Plug Storage Hanger Socket, for SC-6A Style Plug
	07753	Non-Indicating Plug Storage Hanger for SC-6A/D Style Plug w/Deadman Switch

Sensors for Refuelers Compatible with the ST-15 Rack Control Monitor

Two-Wire Optic Instant-On® Sensors

Item	Part #	Model / Description
Overfill Prevention Sensors		
	09408	SP-TO/MHC (MC) 7" 2-Wire Optic Sensor, with 2" NPT Holder
	09407	SP-TO/MHCF (MC) 7" 2-Wire Optic Sensor, with Flange Holder
	09413	SP-TO/MHC (MC) 12" 2-Wire Optic Sensor, with 2" NPT Holder
	09412	SP-TO/MHCF (MC) 12" 2-Wire Optic Sensor, with Flange Holder
	09416	SP-TO/MHC, (MC) 15" 2-Wire Optic Sensor, with 2" NPT Holder
	09415	SP-TO/MHCF (MC) 15" 2-Wire Optic Sensor, with Flange Holder

Two-Wire Optic Sensor Replacement Parts

Item	Part #	Model / Description
	09409	SP-TO 2-Wire Optic Sensor, 7"
	09414	SP-TO 2-Wire Optic Sensor, 12"
	09417	SP-TO 2-Wire Optic Sensor, 15"


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Electronic Systems For Aviation Fueling Safety


Thermistor Overfill Prevention Sensors

Item	Part #	Model / Description
	07729	SP-BL/MHC(MC) Thermistor Sensor, 7", with 2" NPT Holder
	07898	SP-BLU/MHCF(MC) Thermistor Sensor, with Flange Holder, Low Temperature
	07730	SP-BLU/MHC(MC) Thermistor Sensor, 7", with 2" NPT Holder, Low Temperature
	08699	SP-BLU/MHC(MC) Thermistor Sensor, 12", with 2" NPT Holder, Low Temperature
	07731	SP-BLH/MHC(MC) Thermistor Sensor, 7" with 2" NPT Holder, High Temperature

Thermistor Sensor Replacement Parts


Item	Part #	Model / Description
	07619	SP-BL Thermistor Sensor, Standard Temperature
	07558	SP-BLU Thermistor Sensor, Low Temperature
	07594	SP-BLH Thermistor Sensor, High Temperature

Replacement Sensor Holders

Item	Part #	Model / Description
	09065	SP-MHC(MC) 2" NPT Sensor Holder for Optic Sensors
	08265	SP-MHCF(MC) Flange Sensor Holder for Optic Sensors
	SP-MHC 07728	SP-MHC(MC) 2" NPT Sensor Holder with Shaft for Thermistor Sensors

Sockets for Refuelers Compatible with ST-15 Rack Control Monitors

Thermistor Style Sockets

Item	Part #	Model / Description
	SJ-6S 07720	SJ-6S 2-Wire Thermistor Socket, API Style
	07716	SJ-8S 2-Wire Thermistor Socket, Scully Style
	08678	SJ-8B Socket, 8-Pin, 1/2" NPT Entry
	07707	SJ-4D Socket with Spring Loaded Cover, 4-Pin
	08574	Green Vinyl Replacement Cap & Cable Assembly, for Thermistor Sockets

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Electronic Systems For Aviation Fueling Safety

Rack Controllers for Multiple Compartment Refuelers


Note: Controller Models

Explosion-proof housing (**E**), Indicator Lights (**L**), Key (**K**) Lockable Bypass Switch, (/D) Deadman Switch Circuitry

ST-35 Multi-Point Optic Overfill Prevention System

Item	Part #	Model / Description
ST-35 	07903	ST-35-115-ELK Multi-Point Optic Controller
	08745	ST-35-115-ELK/D Multi-Point Optic Controller
	07901	ST-35-115-EL Multi-Point Optic Controller
	08746	ST-35-115-EL/D Multi-Point Optic Controller
	07900	ST-35-115-E Multi-Point Optic Controller
	08161	SC-6AO Sculcon Junction Box Kit, Blue Plug, Blue Coil Cable, 30,
	08160	SC-6AO Sculcon Junction Box Kit, Blue Plug, Blue Straight Cable,20'
	08159	SC-6W Sculcon Junction Box Kit, Blue Plug, Blue Coil Cable,30'
	08139	SC-6W Sculcon Junction Box Kit, Blue Plug, Blue Straight Cable,20'
	08674	SC-6W/D Sculcon Junction Box, Blue Plug, Blue Coil Cable, Deadman Switch
	08235	Plug Storage Hanger Socket, Non-Indicating
	08264	Indicating Plug Storage Hanger Socket

Five-Wire Optic Overfill Prevention Sensors

Item	Part #	Model / Description
SP-FU/MHC 	09208	SP-FU/MHC(MC) 7" 5-Wire Optic Sensor with 2" NPT Holder
	09207	SP-FU/MHCF(MC) 7" 5-Wire Optic Sensor with Flange Holder
	09213	SP-FU/MHC(MC) 12" 5-Wire Optic Sensor with 2" NPT Holder
	09212	SP-FU/MHCF(MC) 12" 5-Wire Optic Sensor with Flange Holder
	09216	SP-FU/MHC(MC) 15" 5-Wire Optic Sensor with 2" NPT Holder
	09215	SP-FU/MHCF(MC) 15" 5-Wire Optic Sensor with Flange Holder

Five-Wire Optic Sensor Replacement Parts

Item	Part #	Model / Description
	09209	SP-FU 5-Wire Overfill Sensor, 7"
	09214	SP-FU 5-Wire Overfill Sensor,12"
	09217	SP-FU 5-Wire Overfill Sensor,15"


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Electronic Systems For Aviation Fueling Safety

Replacement Sensor Holders

Item	Part #	Model / Description
 SP-MHC	09065	SP-MHC(MC) 2" NPT Sensor Holder for Optic Sensors
	08265	SP-MHCF(MC) Flange Sensor Holder for Optic Sensors
	07728	SP-MHC(MC) 2" NPT Sensor Holder with Shaft for Thermistor Sensors

Optic Style Sockets for Refuelers Compatible with the ST-35 Rack Controller

Item	Part #	Model / Description
 SJ-6W Optic Socket	07974	SJ-6W Optic Socket, 3 J-Slots, WOGA (API) Style
	08199	SJ-6X Optic Socket, J560 Pattern
	07973	SJ-6SO Optic Socket, Scully Pattern
	08822	SJ-6W Optic Socket, WOGA (API) Style with Switch & Air Valve
	08575	Blue Vinyl Replacement Cap & Cable Assembly, for Optic Sockets

Deadman Switch Replacement Parts

Item	Part #	Model / Description
	26918	Handle & Switch, Deadman
	08863	Deadman Handle & Switch Assembly, W/2' Black Coil Cable
	27212	Cable, 2 Conductor, Black, #16, Coil, 48"
	09363	Deadman Handle Switch Replacement Kit, (for 08863, switch only)
	27593	Strain Relief, .270-.464 Cable Diameter, Black
	32425	Kit, Strain Relief Assembly, 90 Degree, 3/8" (at junction box end)

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Electronic Systems For Aviation Fueling Safety



ST-47 Groundhog Static Ground Proving Control System

Item	Part #	Model / Description
	08220	ST-47-115 ELK, Groundhog Ground-proving Controller
	08749	ST-47-115 ELK/D Groundhog Ground-proving Controller w/Deadman
	08508	ST-47-115 EL, Groundhog Ground-proving Controller
	08750	ST-47-115 EL/D, Groundhog Ground-proving Controller w/Deadman
	08249	SC-47 Sculcon Junction Box Ground Plug, Black Straight Cable,20'
	08567	SC-47CC Sculcon Junction Box Kit, Ground Plug, Black Coil Cable,32'
	08653	SC-47CC/D Sculcon Junction Box Kit, Ground Plug, Black Coil Cable,32' w/Deadman Switch


Ground Verification Components

Item	Part #	Model / Description
	08274	Ground Ball, Compatible with Scully Stand-alone ST-47 Groundhog System
	08560	Ground Bolt, Compatible with Scully Intellitrol or ST-47 Groundhog System

Components for On Board Controlled Shutdown

(In addition to a liquid level sensor)

On Board Monitors

Item	Part #	Model / Description
	09109	IntelliCheck2 Monitor, Overfill Only
	09107	IntelliCheck2 Monitor, Overfill & Retained
	08687	Load Anywhere Monitor, 6-Compartment, 12V, 5-Wire Overfill Only

Load Anywhere


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Electronic Systems For Aviation Fueling Safety

On Board Monitor Interface Components

Item	Part #	Model / Description
 Advanced Interface Module	08827	AIM-1, Advanced Interface Module, with Alarm, On/Off Switch and Status Lamps
	08828	AIM-2, Advanced Interface Module, General Purpose, without Alarm, 12V DC On/Off Switch
	31626	Solenoid Valve, 12Volt DC Air/Electric

MulteCept® Socket

Item	Part #	Model / Description
 MulteCept®	08771	MulteCept OTA4 Prewired
	08763	MulteCept OTA4, with API Optic, API Thermistor and 4-Pole Style Compatible Sockets (US Navy & Air Force Spec.) without Dummy, without Wiring.

Military Truck Overfill Prevention System Kits

Naval Refueler Kit & Replacement Parts

Item	Part #	Model / Description
	08374	U.S. Navy Refueler Kit, with Audible Alarm Kit contains: 1 ea. IntelliCheck2 Overfill Monitor, 1 ea. 2-Wire Overfill Sensor, 100' 7-Conductor Cable, 1 ea. Audio Interface Unit, 1 ea. MulteCept Socket, 1 ea. Ground Bolt for Overfill Prevention Socket, 1 ea. Socket Cleaner
	08961	IntelliCheck2 Kit, 1 compartment, 12" Sensor Kit Contains: 1 ea. IntelliCheck2 Overfill Monitor, 1 ea. 2-Wire Overfill Sensor, 100' 7-Conductor Cable 1 ea. Socket Cleaner
	08776	Audio Interface Unit
	08560	Ground Bolt for Overfill Prevention Socket
	08687	Load Anywhere Control Monitor, 6 Compartment, 12V
	09109	IntelliCheck 2 Overfill Monitor
	09413	SP-TO/MHC 2-Wire Optic Overfill Sensor w/2" NPT Holder, 12" Length
	08371	IntelliCheck Wiring Kit, 100' Kit Contains: 100' 7-Conductor Cable, 30 ea. Crimp-On (pigtail) Connectors, 16 ea. Strain Relief, Switch
	07811	Socket Cleaner

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Electronic Systems For Aviation Fueling Safety

Air Force R-11 Refueler Kit & Replacement Parts


Item	Part #	Model / Description
	07311	U.S. Air Force R-11 Retrofit System Kit contains: 1 ea. IntelliCheck2 SHO Overfill Monitor, 1 ea. 2-Wire 7" Overfill Sensor, 1 ea. MulteCept Socket, 1 ea. 12VDC Valve & Base, 1 ea. Ground Bolt for Overfill Prevention Socket, 1 ea. Hardware Installation Kit.
	09108	IntelliCheck2 Overfill Monitor, 1 Compartment, SHO
	08771	MulteCept OTA4, Prewired
	08560	Ground Bolt for Overfill Prevention Socket
	09408	SP-TO/MHC 7" 2-Wire Optic Overfill Prevention Sensor
	31626	Valve & Base, 12VDC Electric/Air
	58000	Switch, Cole-Herse
	07310	Installation Hardware Kit Assembly, Oskosh R-11

U.S. Army M-900 Series Overfill Kit & Replacement Parts

Item	Part #	Model / Description
	09325	M-900 U.S. Army Overfill Kit with Internal Valve Shutoff Kit contains: 1 ea. IntelliCheck2 SHO Overfill Monitor, 1 ea. 2-Wire 7" Overfill Sensor, 1 ea. MulteCept Socket, 1 ea. Ground Bolt for Overfill Prevention Socket
	09108	IntelliCheck2 Overfill Monitor, 1 Compartment, SHO
	08771	MulteCept OTA4, Prewired
	08560	Ground Bolt for Overfill Prevention Socket
	09408	SP-TO/MHC 7" 2-Wire Optic Overfill Prevention Sensor

Consult factory for Installation Accessory Information

Testers for Loading Racks and Refuelers

Item	Part #	Model / Description
	08162	ST-2-OTRW, 5-Wire Optic Truck & Rack Tester, w/Scully API 6W Style Plug & Socket
	08938	Universal Truck Tester (PCAM Cable required)
	08926	PCAM 10-Pole Scully Style Plug & Cable, for Universal Truck Tester
	08927	PCAM 6-Pole WOGA Style Plug & Cable, for Universal Truck Tester
	08268	ST-2-DSWJ Universal Loading Rack Tester
	26901	Battery, 12V for ST-2 Series Testers

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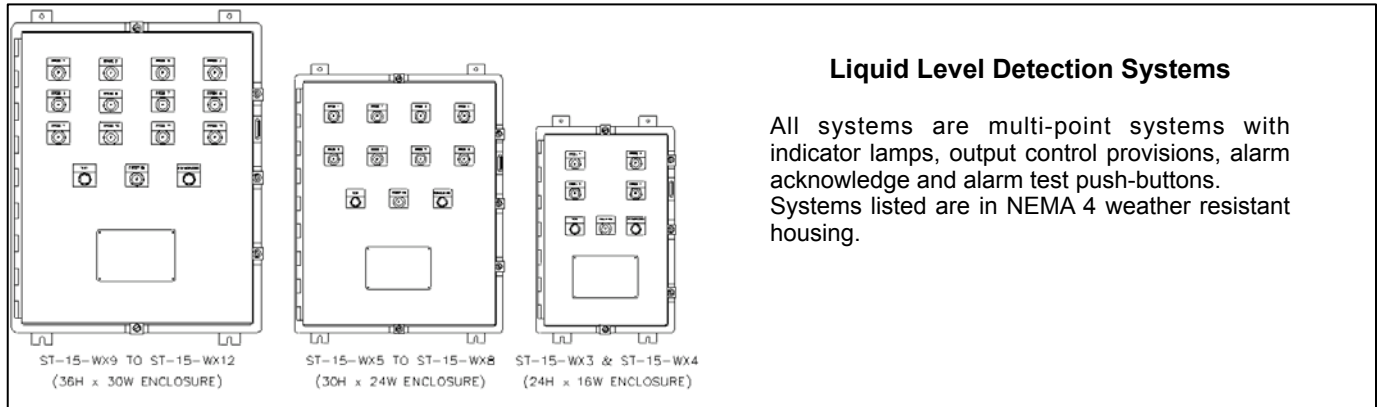
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Electronic Systems For Aviation Fueling Safety

Fuel Storage Tank Controllers for Thermistor or 2-Wire Optic Sensing

Multi-Point Liquid Level Detection Controllers 115Volt Models



Liquid Level Detection Systems

All systems are multi-point systems with indicator lamps, output control provisions, alarm acknowledge and alarm test push-buttons. Systems listed are in NEMA 4 weather resistant housing.

Part #	Model / Description
07838	ST-15-115-2X-L Dual Point Controller (without Alarm)
07839	ST-15-115-2X-LA Dual Point Controller with Alarm and Lights
07851	ST-15-115-WX3 Level Detection Control Unit, 3 Point
07852	ST-15-115-WX4 Level Detection Control Unit, 4 Point
07853	ST-15-115-WX5 Level Detection Control Unit, 5 Point
07854	ST-15-115-WX6 Level Detection Control Unit, 6 Point
07855	ST-15-115-WX7 Level Detection Control Unit, 7 Point
07856	ST-15-115-WX8 Level Detection Control Unit, 8 Point
07857	ST-15-115-WX9 Level Detection Control Unit, 9 Point
07858	ST-15-115-WX10 Level Detection Control Unit, 10 Point
07859	ST-15-115-WX11 Level Detection Control Unit, 11 Point
07860	ST-15-115-WX12 Level Detection Control Unit, 12 Point
08592	ST-15-115-LAB Single Point Controller, NEMA 4

Systems In Explosion-proof Housing

Part #	Model / Description
07667	ST-15-115-2X-ELA Dual Point Controller, with Indicator Lamps and Alarm Silence Push-button
07661	ST-15-115-2X-EL Dual Point Controller, with Indicator Lamps

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Electronic Systems For Aviation Fueling Safety

Sensors for Fuel Storage Tanks

Note: all sensors are user extendible at installation site using a 3/8" x 3/8" threaded coupling and the required length of 3/8" NPT pipe.

	Part #	Model / Description
	08820	SP-IO Optic Overfill Sensor (for use with SP-H Multi-Holder)
	08594	SP-LD Leak Detection Sensor (For monitoring of double wall fiberglass underground storage tanks.)
	07611	SP-M Thermistor Sensor, 3" (for use with SP-H Multi-Holder)
	07545	SP-MH Thermistor Sensor with Multi Holder,3", Hi Temperature
	07996	SP-MU Thermistor Sensor with Multi Holder,3", Low Temperature
	07510	SP-O Thermistor Sensor with 3/4"NPT Elbow Holder, 3"
	07544	SP-OH Thermistor Sensor with 3/4" NPT Elbow Holder,3",Hi Temp
	07997	SP-OU Thermistor Sensor with 3/4" NPT Elbow Holder,3",Low Temp
	08500	SP-TOM/O Optic Sensor, 2-Wire, 3/8" NPT Elbow Holder, 7"

Consult factor for stainless steel sensors for use in chemical applications.

Multiple Sensor Holder

Part #	Model / Description
07436	SP-H Multi-Sensor Holder, 2"NPT (for use with Model SP-M sensors)

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