

Escape Slide Lighting System

BAS Power Units

The Escape Slide Lighting System is an emergency lighting system that provides illumination and directional guidance for evacuees along the escape slide surface and the landing area where ground contact is made.

The system consists of an integral BAS power unit and one or more THS lamp harnesses affixed to the escape slide. Support equipment includes a test unit (TU-14) for diagnostic analysis of the ESL system before and after installation and during escape slide packing.



THS Lamp Harness Lighting Assemblies

P/N P2-01-0035 Series

- THS Lamp Harness Assemblies are composed of two or more lamps permanently soldered to a two conductor flat-wire material or two conductor round wire.
- Available to meet the various configurations of escape slide devices.

BAS Power Unit

*See P/N on reverse side.

- The BAS Power Unit is composed of multiple primary cells wired in a series or series/parallel. The cell stack, internal wiring, test circuitry, and activation switch are enclosed in a sealed housing.
- Provides power to the lighting assemblies after the activation switch pin has been automatically pulled during slide/raft deployment.

TU-14 Test Unit

P/N P7-01-0024

- The TU-14 Test Unit is a specialized test unit for the ESL system that provides operational testing of the BAS Power Unit and THS Lamp Harness Assemblies.
- The TU-14 is contained in a metal case to withstand normal handling in the shop and field environments. Testing is accomplished without device deployment and the test unit provides internal power for all required tests.

Certification

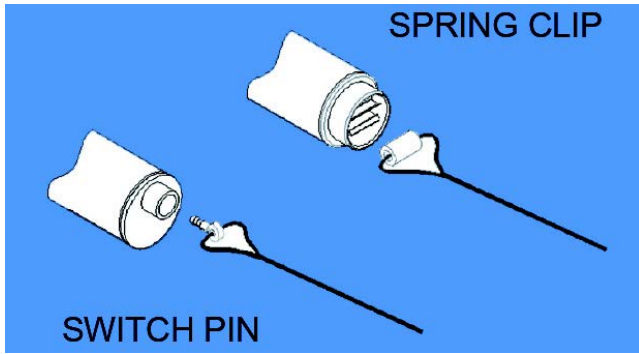
- TSO-C69, ESL System
- FAA-PMA, BAS Power Units

KEY BENEFITS

- Automatic activation
- Independently powered
- Multiple configurations
- Test without deployment

ORDERING INFO

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BAS Power Units

- BAS batteries supply power for Escape Slide Lighting Systems to illuminate escape slide surfaces and landing areas.
- Astronics LSI offers many BAS batteries in two configurations: the Spring Clip design and Switch Pin design.

BAS Features

- Extensive aircraft applicability
- Interchangeability
- Multiple configurations

<u>Model</u>	<u>Part Number Spring Clip</u>	<u>Part Number Switch Pin</u>	<u>Cross Reference</u>	<u>Applicability</u>	<u>PMA Supplement</u>
BAS-5-2	P4-01-0014F-120	P4-01-0014-210 P4-01-0014F-110	ACC C15097 Series Basewest 7-1050-201	717 Series, F100, MD-80/ -90, L1011, BAC146 Series	3, 23, 52
BAS-10	P4-01-0011-120	P4-01-0011-110 P4-01-0011-210	Goodrich 780104-1 ACC C15094 Series Basewest 7-1035-201	707,727,737, DC-8, DC-9	1
BAS-10-1	P4-01-0012F-120	P4-01-0012-210 P4-01-0012F-110	ACC C19436 Series Basewest 7-1040-201	A300 Series	3, 23 5
BAS-15	P4-01-0015-222	P4-01-0015-112 P4-01-0015-212	Goodrich 780108 Basewest 7-1070-201	767-200/300	5
BAS-18	P4-01-0018-120	P4-01-0018-110	Goodrich 4A3226 Basewest 7-1030-201	A300 Series, A310 Series	5
BAS-19	P4-01-0019F-120	P4-01-0019-210 P4-01-0019F-110	ACC C19436 Series Basewest 7-1040-201	A300 Series, A310 Series	3, 23
BAS-20	P4-01-0031F-120	P4-01-0031-210 P4-01-0031F-110	ACC D19776 Series Basewest 7-1055-201	757 Series, 777 Series 737-300/400/500/700	3, 13, 23
BAS-21	P4-01-0032-120	P4-01-0032-110	Goodrich 4A3396 Series Basewest 7-1060-201	767 Series	6
BAS-23	P4-01-0033F-120	P4-01-0033-210 P4-01-0033F-110	ACC D19859 Series Basewest 7-1080-201	737 Series	3, 23
BAS-24	P4-01-0053-120	P4-01-0053-110	Goodrich 780114 Basewest 7-1075-201	737-300/400/500	5
BAS-25	P4-01-0054-120	P4-01-0054-110	Goodrich 780104-3 Basewest 7-1065-201	MD80 Series	6
BAS-26	P4-01-0056F-120	P4-01-0056F-110 P4-01-0056-210	ACC 60772 Series Basewest 7-1085-201	MD-11 Series	3, 23
BAS-29	P4-01-0059-120	P4-01-0059	ACC 62974 Basewest 7-1071-201	777 Series	5
BAS-30	USE-BAS-32	N/A	N/A	N/A	NA
BAS-32	P4-01-0060-120	N/A	Goodrich 780129-1 Basewest 7-1045-201	737-600/700/800	36
BAS-33	P4-01-0062-120	N/A	Goodrich 4A3927-1(c) Basewest 7-1025-201	767 Series	49

Actual product specifications may have changed since the printing of this datasheet. Specifications are not binding. Confirm current specifications at time of order.