TARSYN/VG-14 Final Test Fixture — ASI-260-1

OEM Equivalent:

OEM: Sperry
Model Number:
Part Number: T321703
Manual: 31-3000-01
Manual Figure: 1-11

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

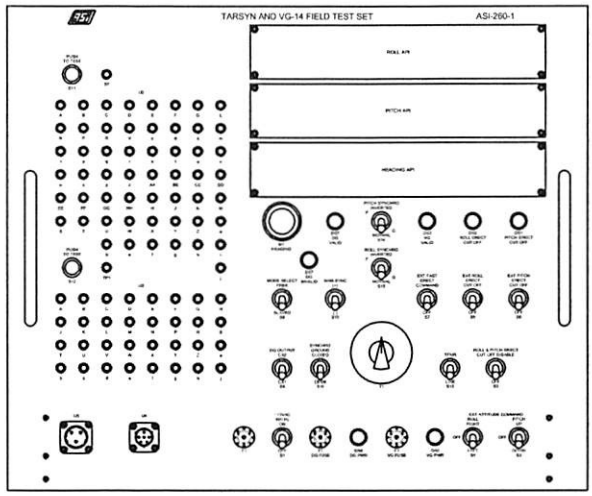
Description:

The ASI-260-1 Final Test Fixture provides power, loads, signals (except heading signals) and readouts required to test and calibrate the Sperry VG-14( ) Vertical Gyros and TARSYN( ) Three Axis References. Heading signals are supplied by an external flux valve simulator.

The ASI-260-1 includes three test cables. Three user supplied API's (NAI 8500 or equivalent) are required for proper operation.

Optional Equipment:

ASI MN	OEM PN	Description (Manual 31-3000-01 Figure)
ASI-27-5C1	T3012061-A	Rotor Clamp A (2-42)
ASI-27-5C2	T3012061-B	Rotor Clamp B (2-42)
ASI-27-5F	T3075022	Bearing Checking Tool (2-52)
ASI-27-5H	T896500	Bearing Preload Adapter Set (2-15)
ASI-27-5I	T891970	Bearing Preload Fixture (2-6)
ASI-27-5K	T896276	Rotor Balancing Cradle (2-8)
ASI-27-5L	T897024	Terminal Inserter (2-19)
ASI-26-01D	T321677	Indexing Turntable (1-9)
ASI-26-01E	T321686	VG-401 Holding Fixture (1-10)
ASI-26-01F	T3012055	Holding Fixture (2-41)
ASI-26-01G	T3012067	Slipring Guard (2-46)
ASI-26-01H	T893165	Brush Guard (2-7)
ASI-26-01J	T3012074	Hemisphere Aligning Fixture (2-47)
ASI-26-01K	T3012040	Synchro Alignment Block (2-36)
ASI-26-01L	T3012026	Synchro Cementing Fixture (2-33)
ASI-26-01M	T3012027	Slipring Alignment Fixture (2-34)
ASI-26-01N	T3012029	Slipring Alignment Tool (2-35)
ASI-26-01P	T3012050	Rotor Shimming Fixture (2-38)
ASI-26-01Q	T3013063	Brake Shimming Fixture (2-44)
ASI-26-01R	T3012066	Rotor Assembly Bushing (2-45)
ASI-26-01S	T3012062	Anvil (2-43)
ASI-26-01T	T3012469	Adapter Set (2-48)
ASI-26-01U	T675344	Torque Nut Driver (2-4)
ASI-26-01V	T3009296	Offset Wrench (2-31)
ASI-26-01W	T3012054	Rotor Balance Adapter Set (2-40)
ASI-26-01X	T674655	Static Balance Fixture (2-3)
ASI-26-01Y	T3017560	Balance Weight (2-51)
ASI-26-01Z	T3012042	Alignment Plate (2-37)
ASI-26-02D	T897177	Run-Out Fixture (2-21)
ASI-26-02E	T3012051	Gimbal Shimming Step Plug (2-39)
ASI-26-02F	T3000626	Holding Block (2-27)
ASI-26-02G	T898656	Dial Indicator Post (2-26)
ASI-26-02H	T626912	Gimbal balancing Fixture (2-2)
ASI-26-02J	T3013271	Spacer Block (2-50)
ASI-26-02K	T322896	Base Holding Fixture (1-20)
ASI-26-02L	T322710	Nut Cover Tightening Tool (2-1)
ASI-407-2	T321272-901	API Latching Fixture
ASI-411-1	T322695	VG-401 Test Fixture
ASI-411-2	T322880	TARSYN-H/VG-14H Base Test Fixture



Units Tested:

VG-14	VG-14H	TARSYN
VG-14A	VG-401	TARSYN-H

Specifications:

Height: 15.75" Width: 19.00" Depth: 7.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-26-01A	T321703-49	Cable, W1
ASI-26-01B	T321703-50	Cable, W2
ASI-26-01C	T321703-51	Cable, W3

TARSYN/VG-14 Field Test Fixture — ASI-260-2

OEM Equivalent:

OEM: Sperry
Model Number:
Part Number: T321705
Manual: 31-3000-01
Manual Figure: 1-12

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Description:

The ASI-260-2 Field Test Fixture is identical to the ASI-260-1 but without the API faceplate mounting cutouts. An external user supplied API (NAI 8500 or equivalent) is required for proper operation.

The ASi-260-2 includes three test cables required for proper operation. See the ASI-260-1 for optional equipment.

Units Tested:

VG-14	VG-14H	TARSYN
VG-14A	VG-401	TARSYN-H

Specifications:

Height: 15.75" Width: 19.00" Depth: 7.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-26-02A	T321705-49	Cable, W1
ASI-26-02B	T321705-50	Cable, W2
ASI-26-02C	T321705-51	Cable, W3

Optional Equipment: (See ASI-260-1)

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