

TEST EQUIPMENT – BORESCOPIES

ATS TIME-RITE® PRO BASIC KIT - 18MM ENGINES

The classic tool for timing aircraft engines. Timing is accomplished by means of pivot arm actuated by the piston's motion, a slide pointer, automatically referenced by the pivot arm and an adjustable calibrated scale. 18mm basic unit. P/N 12-05511

ATS TIME-RITE® PRO COMPLETE KIT - 18MM ENGINES

Time-Rite has been the number one choice of aviation mechanics for over 40 years when it comes to precisely timing engines. Time-Rite is an instrument designed for precision timing of aircraft engines by direct measurement of piston travel. The complete kit includes the basic unit plus the complete set of Arms and Scales required to service 18mm engines P/N 12-05512

ATS TIME-RITE® DELUXE COMBO KIT

Deluxe combo kit contains everything needed to handle every engine listed in the timerite manual. Time-Rite is an instrument designed for precision timing of aircraft engines by direct measurement of piston travel. Kit Includes: (1) 18mm Time-Rite unit, (1) 14mm Cone, A complete set of P/N 12-02872

ATS PRO DIFFERENTIAL PRESSURE TESTER KIT

ATS 2EM Differential Pressure Tester (with Master Orifice) and the Spark Plug Port Extension Tool together, to make your life a whole lot easier.

Note: The ATS 2EM Differential Pressure Tester has a .040" orifice as required by Teledyne Continental SB03-3 Service Bulletin, and is the proper type of instrument to test ALL Teledyne Continental engines in accordance with the aforementioned bulletin. The ATS 2EM also complies Textron Lycoming SI-1191A Service Instruction and is appropriate for ALL Textron Lycoming engines as indicated in the Service Instruction. P/N 12-03330

COMPRESSION TESTER EXTENSION

This tool makes compression testing easy. Wrench free way to test that allows for exhaust system and baffling clearance. Tester is manufactured with quality-welded construction and offers a spark plug thread with O-Ring seal. It has a standard air fitting. P/N 12-01060

2mm Extension..... P/N 05-06883

ATS COMPRESSION TESTER EXTENSION

A replacement plug adapter with an 8-1/2" reach to work around manifolds, baffling, harnesses, support structures, and anything else that gets in your way. **Note:** For use with ATS models 2E and 2EM Compression Testers. 1 lbs (0.5Kg) weight. 18MM aviation engine plug threads 8-1/2" long to clear obstacles. Standard. P/N 12-02380

ATS HEAVY DUTY DIGITAL MULTIMETER

This rugged multimeter is designed to give reliable, accurate readings under the most extreme conditions. The case is double-injection molded and it also has a removable heavy vinyl casing to guard against impact. Measures voltage, amperage, resistance, continuity, capacitance, temperature, and diode checks. Positive stop rotary switch selects any of over 40 different functions. P/N 12-05093

SEEKER 300 VIDEO BORESCOPE SYSTEMS

The Seeker 300 Video Borescope System offers a large 3.5-inch LCD color monitor and a 5.5mm flexible, configurable camera probe with adjustable LED lighting. Ideal for use in the visual inspection of otherwise inaccessible areas.

This Video Borescope Kit also includes a mirror, magnet and pick-up hook that can be attached to the end of the probe. 3.5" (88.9mm) Color LCD Screen for crystal clear image, superb clarity and viewing effect. 5.5mm or 12mm diameter Camera-tipped Probe is flexible and strong with built-in adjustable LED lighting, and is slim enough to perform automotive engine check-up. Probe Length: Standard: 3.28ft. (1m), Optional: up to 16ft (5m). View findings instantaneously. 12mm Probe P/N 12-02297

VOYAGER ARTICULATING VIDEO BORESCOPE

Features an articulating tip that swings 240 degrees to reach every inspection point of an airplane. With a simple turn of the control knob, you can move its Tungsten-sheathed tip from side to side to look left, right, and even backwards! The ATS Voyager gives you unprecedented access to areas that simply cannot be reached with a straight probe. Included with the ATS Voyager is a 70 degree tip mirror to look at right angles to the normal line of sight P/N 12-04561

HAWKEYE® V2 VIDEO BORESCOPE

The Hawkeye® V2 Videoscopes contain a brighter, higher resolution, more durable camera, delivering sharp, clear photos and videos in a wide range of demanding inspection applications. The larger 5" LCD screen provides detailed close-up views, and has a 2X zoom function, mirror image capability, and easy-to-use intuitive controls. Has an articulation mechanism, and has increased the range to +/-150 deg. The insertion tube has rugged, 4-layer construction, with a crush resistant stainless steel inner layer. Available in diameters of 4 and 6 mm, lengths of 1.5m, 3.0m, and 6.0m.

VISIT WWW.AIRCRAFTSPRUCE.COM FOR PART NUMBERS AND PRICING.

HAWKEYE® V3 HD VIDEO BORESCOPIES

The Hawkeye® V3 Video Borescope features a Micro HD video camera, and custom-engineered image processor. The 4- and 6-mm Hawkeye V3's deliver simply the best image quality of any borescope on the market today! Video footage, and still images, captured by the V3 appear crystal clear and with vibrant, lifelike colors. Incorporates a large, 5.5-inch HD, daylight readable, touch-screen display. Easily displays, captures, and transmits over WiFi, crystal clear High-Definition (HD) video and still images, and does so using a sleek, ergonomic design, superior construction, and intuitive user interface. A valuable tool for numerous manufacturing quality control applications... in the QC Lab and on the shop floor. Also, an essential tool for aircraft, and power generation, windpower, and engine and systems maintenance teams. The fully portable V3 provides fast, accurate diagnostics, in mission-critical situations, without the need for costly, time-consuming engine teardown. Interchangeable 90-degree and close-focus optical tips are optional. The smooth servo-driven articulation range is +/- 180 degrees. The V3 can operate continuously for 6 hours without the need for recharging. The V3 contains an integrated, high-efficiency Micro LED light source.

Diameter	Length	Part No.	Price
4mm	1.5m (4)	12-05637	---
4mm	3.0m (9)	12-05638	---
6mm	3.0m (9)	12-05639	---
6mm	1.5m (4)	12-05640	---

ENGINE OIL PRESSURE TEST KIT

Test and diagnose problems with engine oil pressure in diesel or gasoline engines with this easy-to-use kit. The oil pressure test kit contains a wide assortment of durable brass adapters designed to fit most engines. The kit includes a rugged 66 in. high pressure rubber hose and a tough steel gauge that withstand even harsh work conditions. P/N 12-05093

JOYSTICK ARTICULATION 4MM VIDEOSCOPE 1.5 METER

This HD image quality borescope offers 360° all-way rotating articulation. The articulation allows you to maneuver or steer the tip of the probe. This is an essential feature for aviation borescope inspections while inspecting turbine blades. This is also a valuable option for other nondestructive test inspections as it allows you to view the full view of the inspection area without having to disassemble the finished product. Features: • Joystick Articulation • 5" HD Touch Screen • Photo / Video Recording via Micro SD Card (1280x720px) • Video out via HDMI output • Digital Zoom • Graffiti to mark objects • 8 character text annotation • EV Adjustment. P/N 12-06448

USA 2 WAY ARTICULATING PORTABLE RECORDING VIDEOSCOPE

The USAVS2-2.8-1000 has been added to USA Borescopes economy videoscope line up because it offers end users the opportunity to upgrade from a lower cost fiberscope to an articulating videoscope with its own internal lightsource, video recording, picture taking, and SD card storage. This unit features tungsten sheathing as found in many other higher end videoscope systems. The image quality provides an improvement over flexible fiberscopes which typically will feature between 9,000-15,000 pixels. This unit is a basic system to allow for a low cost inspection option. P/N 12-04963