

# Space Journal

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## Front Matter

Rocket City Astronomical Association

Space Enterprises, Inc.

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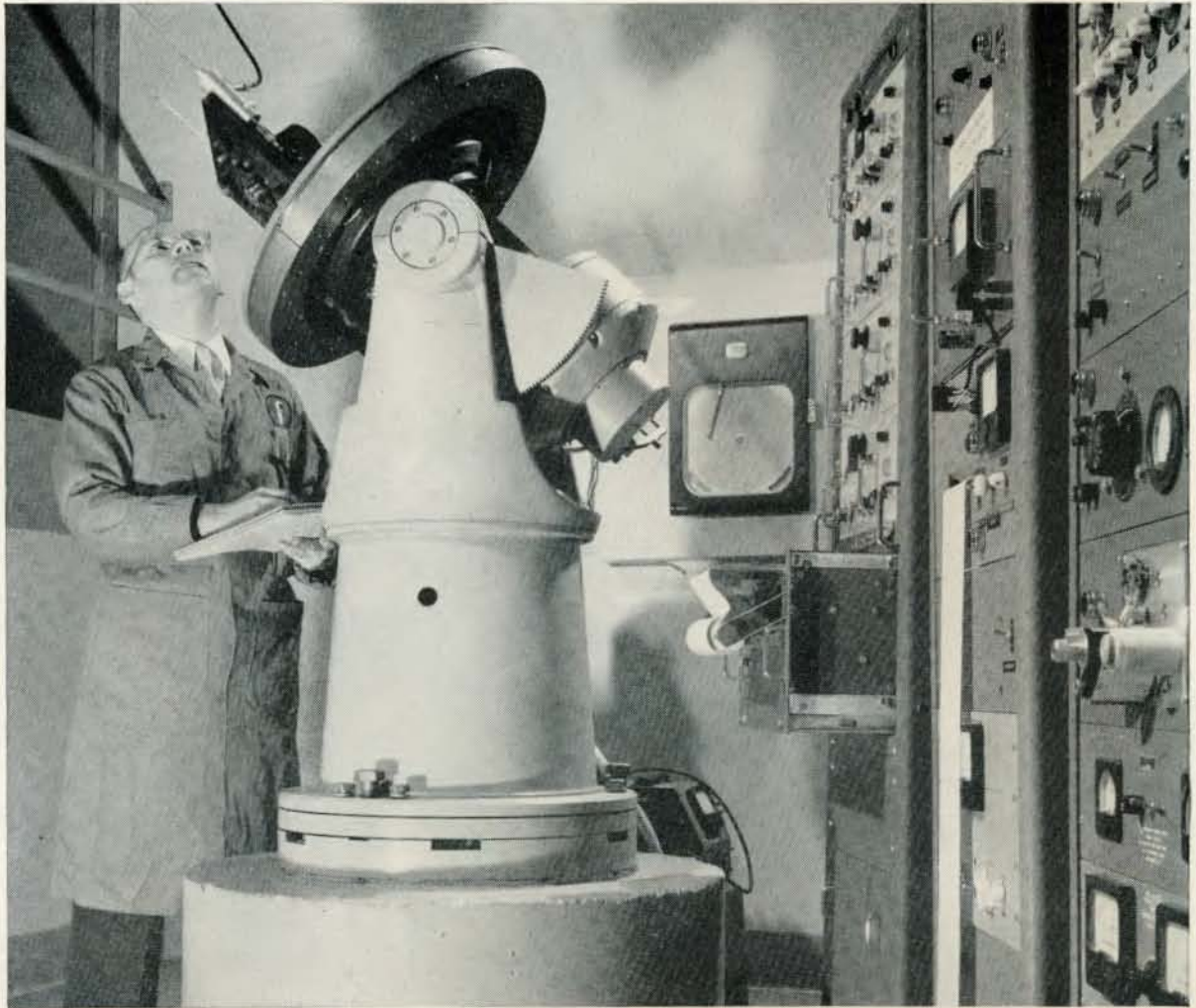
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**Ford Instrument Co. Engineer** checks air-bearing gyro for angular drift on equatorial test stand. Test can show up drift rates as low as one revolution in 40 years. Tests like this . . .

## helped Army put "Explorer" into orbit

### Some of Ford Instrument's current or recent programs include:

Inertial guidance systems . . .  
including Redstone and Jupiter  
Missile launching and control order  
computers  
Navigational and mission control  
systems and computers  
Analog and digital computer systems  
Fuzing, arming and other warhead  
control equipment  
Plotting equipment  
Nuclear systems and controls  
Gunfire controls  
Drone controls

A special guidance system for the Jupiter C, developed by the Army Ballistic Missile Agency, was used to launch the first U. S. artificial satellite into space.

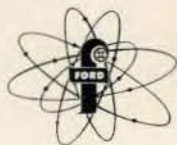
Many components of this system were provided by Ford Instrument Co., prime contractor for both the "standard" U. S. Army Redstone and Jupiter guidance systems.

The fabulously-equipped, fantastically-clean gyro lab (above) is only a small part of the advanced research and

development facilities available at Ford Instrument Co. They're used to create and produce the incredibly accurate control systems called for by modern technology in both government and industry.

And Ford Instrument's large-scale precision manufacturing facilities can turn even the most critical system requirements into working "hardware" on a quantity-production basis. Our Liaison Engineers are at your service to discuss your system requirements.

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# SPACE

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