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COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH GENERAL ASSEMBLY
RESOLUTION 1721 B (XVI) BY STATES LAUNCHING OBJECTS INTO
ORBIT OR BEYOND

Note verbale dated 20 November 1978 from the Permanent Representative
of Japan to the United Nations addressed to the Secretary-General

The Permanent Representative of Japan to the United Nations presents his compliments to the Secretary-General of the United Nations and, in conformity with General Assembly resolution 1721 B (XVI), has the honour to transmit herewith information concerning a space object launched into earth orbit by Japan on 16 September 1978.

JIKIKEN

1. Name of satellite: JIKIKEN
2. International designation: 1978-87A
3. Date and place of launching: 16 September 1978
Kagoshima Space Center
Uchinoura, Kagoshima
Prefecture, Japan
4. Launch vehicle: M-3H-3
5. Launching organization: The Institute of Space
and Aeronautical Science,
University of Tokyo
6. Basic orbital parameters:
 - (1) Nodal period: 524 minutes
 - (2) Inclination: 31.1 degrees
 - (3) Height of apogee: 30051 km
 - (4) Height of perigee: 227 km
7. General function:
 - (1) Stimulated plasma wave experiment
 - (2) Natural plasma wave measurement
 - (3) Plasma parameter measurement by VLF Doppler technique
 - (4) Electric field probe and plasma density measurement
 - (5) Energetic particle analysis
 - (6) Controlled electron beam emission experiment

8. Characteristics of satellite:

- (1) Weight: 90.5 kg
- (2) Physical configuration and dimensions:
 - (a) Configuration: Polyhedron with 38 faces
 - (b) Height: 0.6 m
 - (c) Diameter: 0.75 m
- (3) Attitude control subsystem: Spin stabilization

9. Expected life: 2 years
