

## Qimingxing-50 or Morning Star-50

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## Qimingxing-50 or Morning Star-50

Recently, China's Qimingxing-50 or Morning Star-50 has successfully completed its maiden test flight.



[Ref-sputnik.news]

- It is China's first fully solar-powered unmanned aerial vehicle.
- It has **high-altitude, long-endurance (HALE) UAV** that can stay airborne for long durations.
- It can fly above **20-km altitude** where there is stable airflow with no clouds.
- It is referred as '**High Altitude Platform Stations**' or **pseudo-satellites**.
- It is capable of conducting **high-altitude reconnaissance**, apart from **monitoring forest fires, providing communication and environment relay**.