

# Three spacecraft heading to Mars

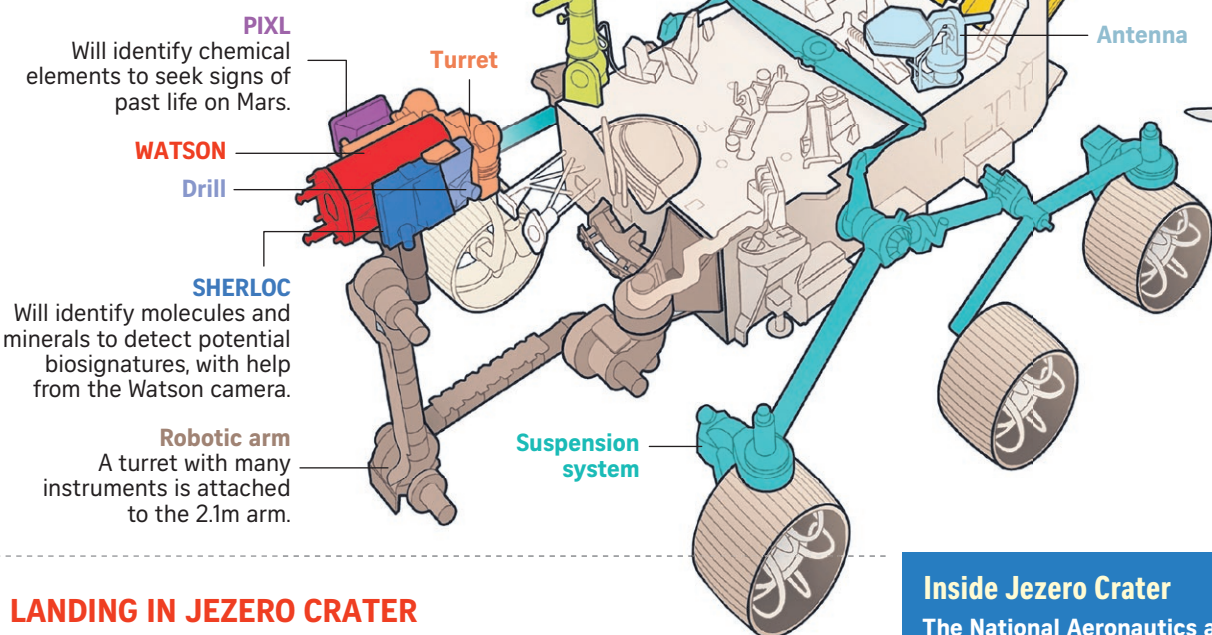
Three spacecraft are setting out on a journey of millions of kilometres. Bound for Mars, they carry an array of state-of-the-art instruments to explore the red planet.

## PERSEVERANCE

UNITED STATES (launched yesterday)

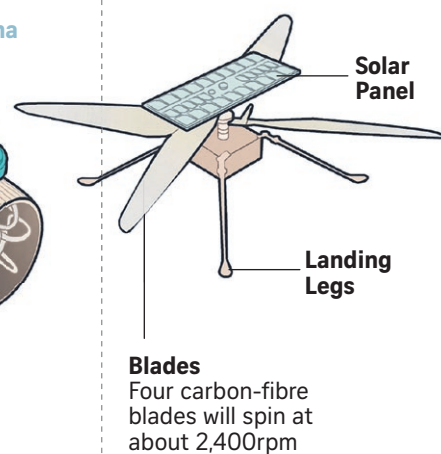
### PERSEVERANCE ROVER

The nearly 1 tonne rover carries 19 cameras and a drill to extract core samples from rocks. It has aluminium wheels and a suspension system to drive over obstacles.

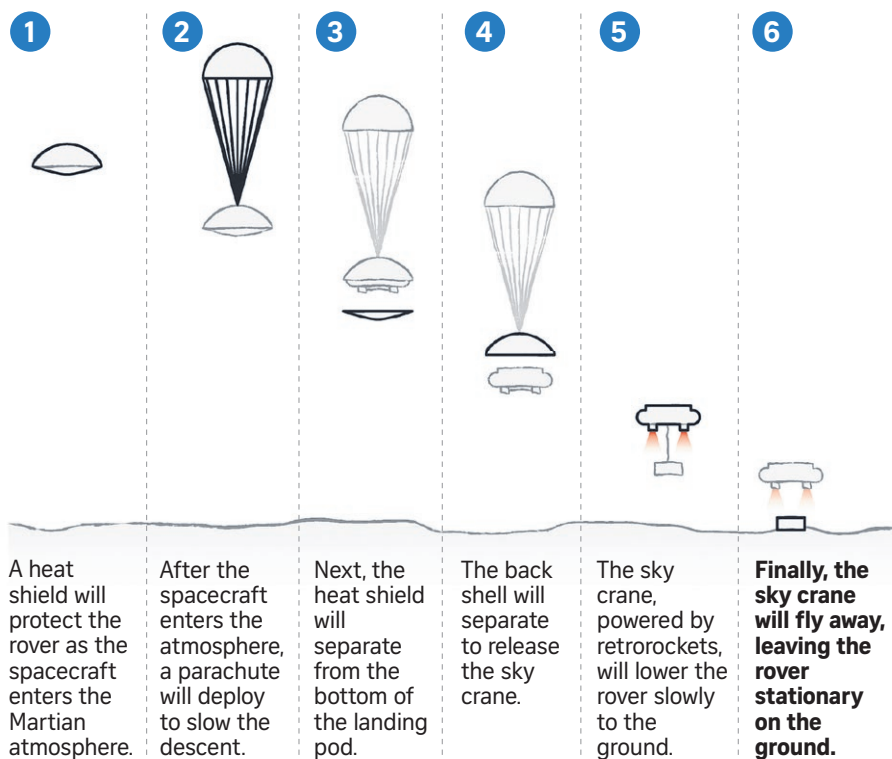


### INGENUITY HELICOPTER

The 1.8kg experimental Mars helicopter will be the first to attempt powered flight on another planet.

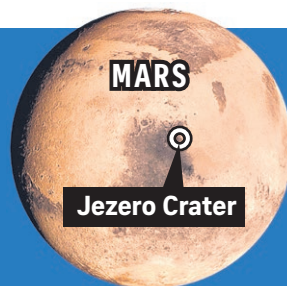


## LANDING IN JEZERO CRATER

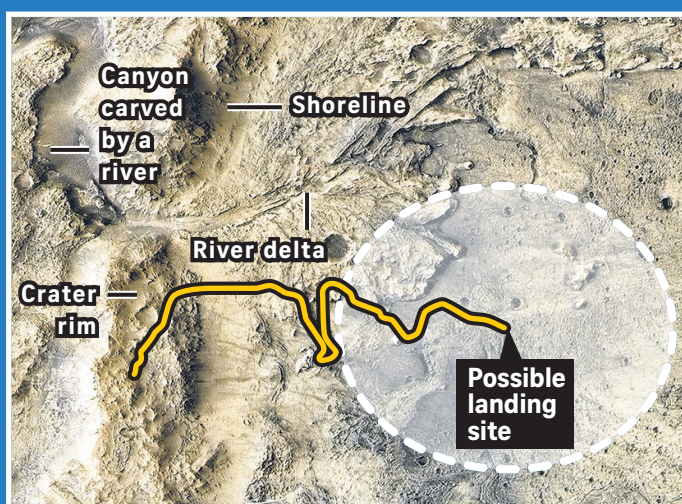


### Inside Jezero Crater

The National Aeronautics and Space Administration's Perseverance rover will attempt to land in Jezero Crater, an ancient Martian lake roughly the size of Lake Tahoe. If successful, the rover will spend years exploring the river delta and making its way to the crater rim.

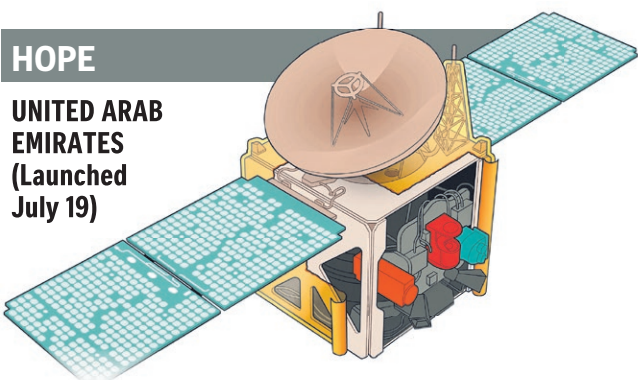


— Possible path of rover      Target landing area



## HOPE

UNITED ARAB EMIRATES (Launched July 19)



## TIANWEN-1

CHINA (Launched July 23)

