



AERO TIMES

EXPLORE THE WORLD

JUNE 2023



STUDENT CO-ORDINATOR'S
J ARYAN
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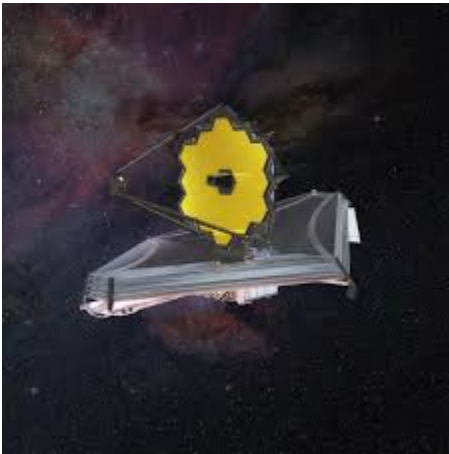
FACULTY CO-ORDINATOR
B MANIDEEP GUPTA

Aeronautical and Space Achievements - 2022



Artemis I - NASA

Uncrewed lunar test flight of Orion and SLS for future human Moon missions.



James Webb Space Telescope

Began science operations delivering unprecedented deep-space images.

72
Flights

Up to 5
Planned Flights

79
Feet Highest Altitude

1st
Helicopter on Another Planet

INGENUITY
MARS HELICOPTER

128+
Minutes in Flight

2+
Years Lifespan

11
Miles Flown

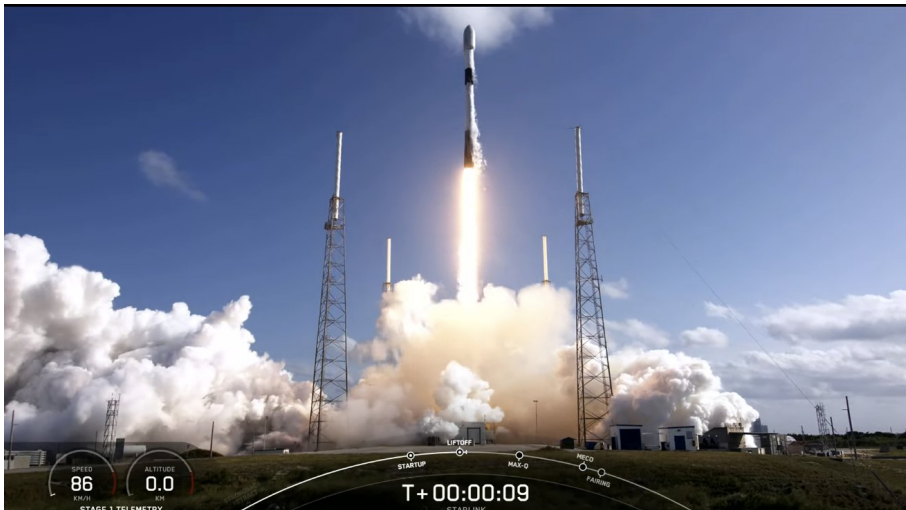
Reference Scale

mars.nasa.gov/Ingenuity

National Aeronautics and Space Administration

Mars Ingenuity Helicopter

Continued powered flights proving aerial exploration on Mars.



SpaceX Record Launches 2022

More than 60 orbital launches using reusable Falcon rockets.



Shenzhou 14 - China

Crewed mission supporting Tiangong space station construction.



Soyuz MS-22

Crew transport mission to the International Space Station.



ISS Expedition 68

Multinational long-duration research mission aboard the ISS.



Hakuto-R Mission 1

Japanese private lunar lander launched toward the Moon.



SSLV-D1 - ISRO

First developmental flight of India's small satellite launch vehicle.



LVM3-OneWeb – ISRO

Heavy-lift launch of One Web broadband satellites.



EOS-06 (Oceansat-3)

Earth observation satellite for ocean and climate studies.



GSAT-24

High-throughput communication satellite for DTH services.



Eviation Alice

First flight of an all-electric passenger aircraft.



Dornier 228 (India)

First commercial use of Indian-made commuter aircraft.



KF-21 Boramae

South Korea's indigenous 4.5-generation fighter maiden flight.



Bayraktar Kızılelma

Jet-powered UCAV completed first flights.



FlyZero Project

Zero-carbon commercial aircraft study using hydrogen and electric power.



Airbus Fello'fly

Formation flying concept reducing fuel burn.

A promotional poster for NASA's Gateways to Blue Skies 2025 AgAir: Aviation Solutions for Agriculture Forum. The poster features a blue sky background with a green arc on the right side containing a globe and several white aircraft flying in formation. The text on the poster reads: "WELCOME TO NASA'S GATEWAYS TO BLUESKIES 2025 AgAir: Aviation Solutions for Agriculture Forum May 20-21 | Palmdale, CA". At the bottom, a blue banner contains the text: "The Gateways to Blue Skies Competition is sponsored by NASA's Aeronautics Research Mission. The Gateways to Blue Skies Competition is sponsored by NASA's Aeronautics Mission Directorate and managed by the National Institute of Aerospace."/>

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TO NASA'S
GATEWAYS TO
BLUESKIES
2025 AgAir: Aviation Solutions
for Agriculture Forum
May 20-21 | Palmdale, CA

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ACCEL Spirit of Innovation

Record-setting electric aircraft project.



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NASA Gateways to Blue Skies

Competition for climate-friendly aviation concepts.



Aviation Week Laureate Awards

Honored major aerospace achievements of 2022.



RAeS Awards 2022

Recognized innovations in zero-carbon and electric aviation.



Excellence Club Aerospace Awards

Celebrated aerospace innovation in Europe.



ICAO Net-Zero Goal

Adoption of net-zero aviation emissions target by 2050