



ಹಿಂದೂಸ್ತಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್
ಪ್ರಧಾನ ಕಛೇರಿ
ಹಿಂದುಸ್ತಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್
ಮುಖ್ಯಾಲಯ
HINDUSTAN AERONAUTICS LIMITED
CORPORATE OFFICE

CO/SEC/4(7)/2022-23/ BSE & NSE Filing/56

26th September, 2022

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| BSE Limited Listing Department Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai – 400 001 | National Stock Exchange of India Ltd Listing Department Exchange Plaza, 5 th Floor, Plot No C/1, G Block, Bandra-Kurla Complex, Bandra (E), Mumbai – 400051 |
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Dear Sir/ Madam,

Sub: Media Release

Ref: BSE Scrip Code: 541154, NSE Symbol: HAL

In terms of Regulation 30 of the SEBI (LODR) Regulations, 2015, we are enclosing herewith a copy of the media release titled “**The President of India to Inaugurate HAL’s Integrated Cryogenic Engine Manufacturing Facility (ICMF) in Bengaluru**” being issued to the media.

2. This is for information and record, please.

Thanking you,

Yours Faithfully
For Hindustan Aeronautics Ltd

(G V Sessa Reddy)
Company Secretary & Compliance Officer

15/1, ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ, 15/1, ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ

15/1, Cubbon Road, Bangalore - 560 001, Karnataka, India

ದೂರವಾಣಿ (ಫೋನ್) Ph.: +91-80-2232 0001, 2232 0475, ಫ್ಯಾಕ್ಸ್ (ಫೇಕ್ಸ್) Fax: +91-80-2232 0758

ಇ ಮೇಲ್ (ಇ) Email : cosec@hal-india.co.in

CIN: L35301KA1963GOI001622



HAL/CorpCom/2-1/2022

September 26, 2022

Media Release:

The President of India to Inaugurate HAL's Integrated Cryogenic Engine Manufacturing Facility (ICMF) in Bengaluru

Bengaluru, September 26, 2022: The President of India, Smt Droupadi Murmu will inaugurate HAL's state-of-the-art Integrated Cryogenic Engine Manufacturing Facility (ICMF) in Bengaluru on September 27, 2022. The facility will cater to the entire Rocket Engine Manufacturing under one roof for ISRO. The facility will boost self-reliance in manufacturing of Hi-thrust Rocket engines.

The facility is set up over an area of 4500 sqmts housing over 70 hi-tech equipment and testing facilities for manufacturing Cryogenic (CE20) and Semi-cryogenic (SE2000) Engines of Indian Space Launch Vehicles.

In 2013, an MOU was signed with ISRO for establishing the facility for manufacturing of Cryogenic Engine modules at HAL, Aerospace Division. The MOU for the Cryogenic Engine facility was subsequently amended in the year 2016 for setting up of Integrated Cryogenic Engine Manufacturing Facility (ICMF) with an investment of Rs. 208 crores.

The commissioning of all the critical equipment for the manufacturing and assembly requirement is completed. The pre-production activities which involve preparation of the process plans, drawings, quality plan etc. has also commenced. HAL will start realising the modules by March 2023.


HAL Aerospace Division manufactures liquid propellant tanks and launch vehicle structures of PSLV, GSLV MK-II, GSLV Mk-III and also stage integration for GSLV Mk-II. The Aerospace Division entering into manufacture of Cryogenic Engines is a major step in technology up-gradation cum modernization.

Cryogenic Engines are the most widely used engines world over in the launch vehicles. Due to the complex nature of the cryogenic engine, till date only few countries USA, France, Japan, China & Russia have mastered the cryogenic technology. On January 5, 2014 India successfully flew GSLV-D5 with a cryogenic engine (made by ISRO through private industries) and became the sixth country in developing cryogenic engines. Space exploration in the future is mostly dependent upon cryogenic technology.



Gopal Sutar
Gopal Sutar
Chief of Media Communications

15/1, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು / ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು / Cubbon Road, Bengaluru-560 001

ದೂರವಾಣಿ / ದೂರಭಾಷ / Phone: +9180 2232 0934,  HALHQBLR

ಈ-ಮೇಲ್ / ಇ-ಮೇಲ್ / E-mail: halmedia@hal-india.co.in,