



AEROSPACE CHINA

Winter 2012

VOL.13 No.4

Published Quarterly

Editorial Board

President: Ma Xingrui,
President of CASC
Vice Presidents: Hu Zhongmin, Wang Yiran
Members: Li Feng, Sun Weigang, Gong Bo,
Lu Yu, Liu Qiang

Editorial Department

Editor in Chief: He Ying
Editorial Consultant: Patrick Carroll
Editors: Chen Xiaoli, Liu Jie,
Ren Shufang, Sun Qing
Address: Room1017, No.16 Fucheng Rd.,
Beijing 100048, PR China
Tel: (86-10)68767421-214
Fax: (86-10)68373774
E-mail: hey@spacechina.com

Aerospace China

Sponsored by China Aerospace Science and Technology Corporation, and published by National Aerospace Information Center of China.

Aerospace China

Published four times a year in Spring, Summer, Autumn and Winter, annual subscription US\$150.

Articles and information contained in this publication are the copyright of the publisher and may not be reproduced in any form without the written permission of the publisher.

SPECIAL

CASC in Zhuhai Airshow 201202

SATELLITE TECHNOLOGY AND APPLICATIONS

BeiDou Regional Navigation Satellite System Completed06
SJ-9A/B Satellites Conduct Key Technology Tests09

LAUNCH VEHICLE TECHNOLOGY

LM-2C Used in SJ-9A/B Mission11
Flight Record of the Long March Series of Launch Vehicles12

INTERNATIONAL EXCHANGES AND COOPERATION

Breakthrough in China's Remote Sensing Satellite Export14
United Nations International Conference on Space-based Technologies for Disaster Management Held in Beijing16
IAA Wishing China To Be More Active in IAA17

CASC SERVICES

CASC Satellites Serving Millions of Families19

NEWS IN BRIEF

CASC President Commenting on China's Major Space Programs20
Lao Telecommunications Satellite Project Initiated20
Planning for China's Manned Space Station Announced21
CASC Signed First Commercial Launch Service Deal for a National Program21
Propulsion System of New-generation Small Rocket Passed First Test22
Concrete Progress Made on LM-7 Development22
FY-2C Working Normally Beyond Design Lifetime22
Chang'e 3 Lander Completed Mechanical Test23
Breakthrough Made on the Nondestructive Testing of Orbital Spacecraft23
HJ-1C Satellite for Environmental and Disaster Monitoring Launched into Orbit23
Yaogan 16 Remote Sensing Satellite Sent into Orbit24
A LM-3B Launched ChinaSat 12 into Space24
A LM-2D Launched Turkish Satellite into Space24

COVER

A LM-2C Lifted off with HJ-1C Front Cover
The HJ-1C Satellite Flying to Space Back Cover