

**HEAD OFFICE**

Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.  
 Telephone +44 (181) 652 3842; Fax +44 (181) 652 3840  
 e-mail flight.international@rbi.co.uk

**Editorial Enquiries +44 (181) 652 3842**

<b>Editor in Chief</b> Allan Winn	+44 (181) 652 3882
<b>Editor's PA</b> Lisa Jenkins	+44 (181) 652 3882
<b>Deputy Editor</b> Forbes Mutch	+44 (181) 652 3852
<b>News Editor</b> Andrew Chuter	+44 (181) 652 3843
<b>Operations/Safety Editor</b> David Learmount	+44 (181) 652 3845
<b>Business Editor</b> Kevin O'Toole	+44 (181) 652 3835
<b>Commercial Aviation Editor</b> Max Kingsley-Jones	+44 (181) 652 3825
<b>Defence Aviation Editor</b> Douglas Barrie	+44 (181) 652 3834
<b>Data Researcher</b> John Christovassilis	+44 (181) 652 3847
<b>Spaceflight Correspondent</b> Tim Furniss	+44 (1237) 471960
<b>Technical Reporter</b> Andrew Doyle	+44 (181) 652 3838
<b>Production Editor</b> Chris Thornton	+44 (181) 652 3850
<b>Art Editor</b> Alexis Rendell	+44 (181) 652 3828
<b>Layout Sub-Editor</b> Annabel Wells	+44 (181) 652 3848
<b>Senior Technical Artist</b> Tim Hall	+44 (181) 652 8047
<b>Technical Artist</b> Giuseppe Picarella	+44 (181) 652 8054
<b>Editorial Artist</b> Gareth Burgess	+44 (181) 652 8043
<b>Photographer</b> Mark Wagner	+44 (181) 944 5225
<b>Picture Librarian</b> Kim Hearn	+44 (181) 652 3427
<b>Newsletters Editor</b> Emma Kelly	+44 (181) 652 3096

**EUROPE/MIDDLE EAST**

<b>European Editor (Paris)</b> Julian Moxon	+33 (1) 40 54 08 62
	<b>Fax</b> +33 (1) 47 64 44 28
<b>Munich Correspondent</b> Andrzej Jezewski	+49 (89) 689 1041
	<b>Fax</b> +49 (89) 689 1045
<b>Israel Correspondent</b> Arie Egozi	+972 (3) 967 1155
<b>Moscow Correspondent</b> Alexander Velovich	+7 (095) 393 4717
	<b>Fax</b> +7 (095) 393 4717

**AMERICAS**

<b>Washington Office</b>	<b>Fax</b> +1 (703) 836 8344
<b>American Editor</b> Graham Warwick	+1 (703) 836 3448
<b>Washington Correspondent</b> Ramon Lopez	+1 (703) 836 7443
<b>West Coast Correspondent</b> Guy Norris	+1 (714) 252 8971
	<b>Fax</b> +1 (714) 252 8972

**ASIA PACIFIC**

<b>Asian Editor (Singapore)</b> Paul Lewis	+65 434 3309
	<b>Fax</b> +65 338 6171
<b>Australian Correspondent</b> Paul Phelan	+61 (70) 532 791
	<b>Fax</b> +61 (70) 533 003

**READER SERVICES**

<b>Subscriptions</b> Karen Parker, Flight International Subscriptions, Reed Business Information, PO Box 302, Haywards Heath, West Sussex. RH16 3DH. UK.	
<b>Telephone/credit card orders</b>	+44 (1444) 445454
	<b>Fax</b> +44 (1444) 440619
<b>US subscriptions</b> PO Box 7542, Highlands Ranch, CO 80126-7542	+1-800 (637) 6073
<b>from Canada</b>	<b>Fax</b> +1-800 (327) 9021
	+303 (470) 4426
	<b>Fax</b> +303 (470) 4491
<b>Far East subscriptions</b> Crawford Road, P O Box 698, Singapore 911907	+65 843 2233
	<b>Fax</b> +65 747 6550
<b>Newstrade enquiries</b>	+44 (171) 261 7704
<b>US Newstrade Enquiries</b>	+1 (718) 392 7477
<b>Flight International Directories</b>	+44 (1707) 665151
	<b>Fax</b> +44 (1707) 660330
<b>Back issues</b> ESCO Business Services	+44 (1371) 810433
Recent copies only	<b>Fax</b> +44 (1371) 811065
<b>Faxback service</b> (touch-tone telephones only)	+44 (181) 652 4019
<b>For a full listing of RBI magazines</b>	<a href="http://www.reedbusiness.com">http://www.reedbusiness.com</a>

<b>Qualified Subscription Rates:</b>	1 year	2 year	3 year
Europe	£69	£119	£156
North America	\$184	\$315	\$402
All Other Countries	£78	£137	£177

Only paid subscriptions available. Cheques made payable to Flight International.

**Distributed by Marketforce**

Flight International is a weekly news magazine for professionals working in all sectors of the aerospace industry worldwide, serving all branches of airframe systems, support equipment and component manufacture and all sectors of operation, including air transport, general aviation, defence, spaceflight and regulatory and other authorities.



ISSN 0015-3710

<b>Comment</b> .....	<b>3</b>	<b>Industry</b> .....	<b>26</b>
<b>Headlines</b>		<b>Features</b>	
BAe abandons J41 production .....	<b>4</b>	Reaching for reality .....	<b>28</b>
Kawasaki hands over XO-H1		Russia restructures to make its industry work	
Drive-link snag grounds Explorers	<b>5</b>		
Mesa cancels remaining Dash 8 orders			
Bearing problem hits Trent 700....	<b>6</b>		
US Navy considers F-18 UAV			

<b>Air Transport</b>		<b>Business services</b> .....	<b>34</b>
AMR wants US Airways Shuttle....	<b>8</b>	Manufactures and service centres vie for work	
Boeing boosts 777-200IGW weight		From dreams to reality.....	<b>37</b>
Top executives resign from ANA..	<b>9</b>	GA industry woos would-be student pilots	
Boeing bulletin orders 747 fuel-tank inspection			
LanChile commits to 767-300ERs	<b>10</b>		
MDC brings forward MD-90 crack checks			
Jordan urges open-skies deal.....	<b>13</b>		
NTSB advises Beech 1900 CVR improvements			
NAPO confident of An-38 sales....	<b>14</b>		
Harbin signs Canadian Aerospace for Y-12			



NAPO expects 95 sales in the near term

<b>Defence</b>		<b>Back to the beginning</b> .....	<b>48</b>
Cuts jeopardise Japanese projects	<b>16</b>	NASA's Origins missions seeks other life	
Airborne-laser team talks to USN on tracking			
B-1 upgrade gathers momentum..	<b>17</b>		
UK initiates new Strategic Defence Review			
USN set for supersonic target .....	<b>18</b>		
USA offers JSTARS to NATO.....	<b>19</b>		
Northrop Grumman chases A-10 work			

<b>Business</b>		<b>People</b> .....	<b>52</b>
Air France climbs into profit.....	<b>20</b>	<b>Letters</b> .....	<b>53</b>
'Secret report' on Deutsche BA losses is leaked		<b>Straight and Level</b> .....	<b>54</b>
Dasa/Lagardere deal is 'irreversible'	<b>22</b>	<b>Classified</b> .....	<b>56</b>
		The top international marketplace for aircraft, equipment, tuition and jobs.	
<b>Spaceflight</b>			
Russian Proton launch succeeds ...	<b>23</b>		
India gears up for 11 launches in five years			

<b>General Aviation</b>		<b>Next Week</b>	
Collins steps up Pro Line 21 .....	<b>24</b>	A flight test of Cessna's Citation X, which is expected to be at Le Bourget, leads Flight International's guide to the Paris air show.	
Helicopters will prove transatlantic refuelling			
Helikopter Service links with Rotax	<b>25</b>		
Myasichchev focuses on M-101T approval			



Russian Aerospace '97 delegates at Zhukovsky

**Military Safety**  
Share and share alike..... **38**

The military shares safety data



The Flight International survey of military aircraft accidents worldwide lists accidents and incidents of air arms in 1996. **41**

<b>People</b> .....	<b>52</b>
<b>Letters</b> .....	<b>53</b>
<b>Straight and Level</b> .....	<b>54</b>
<b>Classified</b> .....	<b>56</b>



A flight test of Cessna's Citation X, which is expected to be at Le Bourget, leads Flight International's guide to the Paris air show.