

## World freighter fleet to reach almost 3,000 aircraft in next 20 years

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Strong long-term traffic growth with the emerging countries set to outpace the growth of developed countries  
Dedicated freighters will remain an essential part of world cargo - belly cargo proportion to remain unchanged  
Mid-sized aircraft account for largest freighter segment, requiring almost 1,300 new aircraft by 2032  
Airbus well positioned with A330-200F and A330-P2F  
According Airbus new Cargo Global Market Forecast, world-wide air freight traffic will grow by an average of 4.8 per cent annually over the next 20 years, almost doubling the required global freighter fleet to nearly 3,000 aircraft. This projected growth is driven by numerous positive global trends in economic activity, including world trade, private consumption, and industrial production  
The forecast shows that the overall worldwide air cargo demand by the year 2032 will require around 2,700 new and converted aircraft. Over half of these will be needed for fleet replacement - driven by current old aircraft retirements - with the remainder being for growth. Of these 2,700 aircraft, 870 will be factory-built freighters worth approximately US\$234 billion, while around 1,860 will be converted from passenger aircraft. A further 175 in 2032 will be aircraft which are already in service as freighters today. Belly freight usage in passenger aircraft is taken into account - which will remain largely unchanged at around half of commercial air freight on international traffic  
Andreas Hermann, Airbus Vice President, Head of Freighters says: "Looking forward after a difficult few years, world trade is showing improvements and diverse emerging markets will call for increased flexibility in air cargo transportation - for which mid-size freighters will be the primary means to achieve this. He adds: "This is why Airbus forecasts that the core of future freighter requirements will be in the mid-size category, where modern-technology freighters will play a large part in future fleet replacement and long term growth  
Illustrating the rise of the emerging economies as the fastest growing markets for air cargo, Asia-Pacific (including India and the PRC) currently represents 36 per cent of the world freight traffic, increasing to 42 per cent by 2032. Overall, China is the single largest individual nation driving air cargo growth: Today China's share represents 15 per cent, and by 2032 this will rise to around 22 per cent of the global air freight market. By comparison, the combined developed nations share in Europe/CIS and North America accounted for 51 per cent of the total traffic in 2012, and although traffic will continue to grow, by 2032 their combined share of total world freight traffic will reduce slightly, to around 45 per cent  
Freighter aircraft fleet segmentation  
Small freighters account for about 23 per cent of the fleet today and although the express freight market boom in China and India will boost the number of small freighters from 380 in 2012 to more than 600 aircraft by 2032, their overall proportion of the world fleet will nevertheless decrease slightly, to around 21 per cent  
Mid-size freighters, whose inherent flexibility allows airlines to adapt to changing markets, represent about 45 per cent of the fleet in service and are increasingly used for regional express services and regional and long-haul general cargo operations. Their numbers are expected to boom in the coming years driven by growth in emerging markets, especially in China. The mid-size segment is expected to grow to over 1,290 units by 2032, up from 744 units at the end of 2012. In doing so, this category will retain its dominant 45 per cent share of the world freighter fleet. Airbus is well positioned in this segment not only with the A330-200F, but also with passenger-to-freighter (P2F) converted A330 Family freighters in cooperation with EFW and ST Aerospace  
Meanwhile, large freighters represent about 32 per cent of the fleet today and are mainly used on long-haul operations between three main markets: USA, Europe and Asia. The fleet of large aircraft will reach over 1,000 aircraft by 2032, while slightly increasing its share of the world freighter fleet  
Airbus is the leading aircraft manufacturer with the most modern and comprehensive family of airliners on the market. To date, more than 13,200 Airbus aircraft have been ordered by some 500 customers and operators worldwide since the company first entered the market in the early seventies. Airbus has design and manufacturing facilities in France, Germany, the UK, and Spain, and subsidiaries in the US, China, Japan and the Middle East  
EADS Space Transportation  
Hünefeldstr. 1-5  
28199 Bremen  
Telefon: +(49) 4 21/5 39-51 07  
Telefax: +(49) 4 21/5 39-34 31  
URL: <http://www.eads.net/>  [http://www.pressrelations.de/new/pmcounter.cfm?n\\_pinr\\_=547056](http://www.pressrelations.de/new/pmcounter.cfm?n_pinr_=547056) width="1" height="1">

### Pressekontakt

EADS Space Transportation

28199 Bremen

[eads.net/](http://eads.net/)

### Firmenkontakt

EADS Space Transportation

28199 Bremen

[eads.net/](http://eads.net/)

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