

## **Australia's CASA Grants Procedure Design Certificate to Naverus**

**Naverus Criteria Judged To Provide Substantially Increased Safety;  
Approval Will Accelerate Enhancements to Australian Airspace**

RENTON, WA: Australia's Civil Aviation Safety Authority [CASA] has granted an Instrument Flight Procedure Design Certificate to Naverus, Inc., authorizing them to design and maintain Required Navigation [RNP RNAV] approach and departure procedures for the Australian airspace. The certification – the first granted to an entity not affiliated with the government, and the only certification permitting the design of RNP-AR (Authorization Required) procedures – will accelerate the deployment of performance-based navigation procedures, and enhance the safety as well as the efficiency of airlines serving airports in Australia.

Bruce Gemmell, the Deputy Chief Executive and Chief Operating Officer of CASA, certified Naverus under Part 173 of the Civil Aviation Safety Regulations 1998. The certification follows a rigorous review of Naverus' operations, and consultation with Transport Canada, the FAA and the CAA of New Zealand about the safety aspects of the Naverus design criteria. The review included an independent, on-site audit of the Naverus design offices in Seattle, WA by CASA's Sophie Joshua and Paul Taylor. The CASA team inspected the processes and quality management plan that Naverus has developed through its design of over 250 RNP approach, departure and enroute procedures, including procedures designed for Australian and New Zealand airports. Gemmell noted in his decision that the Naverus design criteria "provide substantially increased safety over procedures designed using conventional criteria of the kind found in ICAO Doc. 8168 (PANS-OPS)" and, while consistent with the FAA and proposed ICAO criteria for RNP, "incorporates several features which permit additional safety and operational benefits" beyond those criteria.

Dan Gerrity, Naverus' Chief Executive Officer, appreciated the rigor of CASA's review. "CASA has set the bar very high for this certification, as it should," observed Gerrity. "Australia's process gives other regulators around the world a strong model to follow as our industry

moves to capture the benefits of performance-based navigation using RNP.” CASA has also approved the appointment as chief designer of Naverus’ Michael Ryan and Mark Brower, who lead the team of design engineers, performance engineers, and navigation data experts who to-date have designed and released hundreds of performance-based navigation procedures to multiple criteria for operators worldwide.

The approval by CASA for Australia is the second granted to Naverus by a major regulatory agency. In 2004, Transport Canada granted Naverus a delegation to design, publish and maintain RNP RNAV procedures for Canada, under an exemption to that agency’s CAR 803.02. Transport Canada renewed that grant in July, 2005.

### **About Naverus**

Naverus is the leader in performance-based navigation solutions to airlines and airports worldwide. Naverus has developed and deployed over 250 RNP RNAV procedures for both Boeing and Airbus aircraft. Customers include JetBlue, Air New Zealand, Qantas and WestJet. The Seattle company was founded in 2003 by the industry’s most experienced performance-based navigation experts. Based in Renton, WA, the company is a privately-held corporation. Investors include JGE Capital Management, other private equity groups and individuals. For more information, please visit [www.naverus.com](http://www.naverus.com) or call Naverus at 1-425-282-5250.

### **About CASA**

The Civil Aviation Safety Authority (CASA) was established on 6 July 1995 as an independent statutory authority. CASA's primary function is to conduct the safety regulation of civil air operations in Australia and the operation of Australian aircraft overseas.

The Civil Aviation Act and CAR 1988 empower CASA to issue Civil Aviation Orders on detailed matters of regulation. The Chief Executive Officer manages CASA, and is responsible to the Minister for Transport and Regional Services.

### **FOR FURTHER INFORMATION PLEASE CONTACT:**

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