

## **Demo Script for NAG**

### **Key Message:**

NAG software has traditionally been the preserve of supercomputers and expensive high-end workstations. Today with the high performance of the Pentium (R) Pro processor NAG can be brought down to an affordable workstation or a PC with impressive results.

### **Installation:**

*You will need the 32-bit version of WinZip to extract this demo. An evaluation copy may be downloaded from <http://www.winzip.com> on the Internet.*

Open the archive in \PPRO\_WS2\NAG.INS\NAG.ZIP with WinZip. Extract all files, using directory names into \PPRO\_WS2 on your local hard drive.

Create an icon for \PPRO\_WS2\NAG\NAGDEMOS.EXE in your Program Manager.

**NOTE:** NAG demos need TCP/IP loaded on your system to work.

### **Demos:**

There are three demos in this NAG suite that show off how NAG software can operate on the Intel Pentium Pro processor. Each of these demos include graphics provided through the Intel-based implementation of Open Inventor from TGS, Inc. Open Inventor is emerging as the de facto 3D standard and is the basis of VRML, 3-D for the World Wide Web.

#### **Numerical Demo**

- A 2-D time-dependent partial differential equation solution of a real world problem using NAG Fortran library routines. This is not visual, but is impressively faster than competing architectures.

#### **Visualization Demo 1**

- IRIS Explorer running a simple demo map illustrating a simple iso-surface. You can manipulate the 3-D surface in 3-D space.

#### **Visualization Demo2**

- IRIS Explorer running cfd2 demo map. Demo illustrates viewing of computational fluid dynamics data and displays a pressure field around a Northern B2 aircraft. You can manipulate the 3-D model in 3-D space.

More information on demos and NAG are built into the demo user interface.

### **Running the Demo:**

To run the demo, simply launch nagdemos.exe from File Manager or from an icon pointing to this file. Follow instructions from there.