USE DEEPWAVE SPEED RUN

R code to get speed-run data:

```
require(Ranadu, quietly = TRUE, warn.conflicts=FALSE)
Project <- "DEEPWAVE"
Flight <- "rf15"          # this was the flight with cal maneuvers
fname = sprintf("%s%s/%s%s.nc", DataDirectory (),
                Project, Project, Flight)
VarNames <- c("TASX", "ADIFR", "PITCH", "QCF", "GGVSPD")
D1 <- getNetCDF (fname, VarNames, F=15)
r <- c(setRange (D1$Time, 32100, 32900),      # 12,500 ft
       setRange (D1$Time, 41500, 42300),      # FL200
       setRange (D1$Time, 50100, 51100))      # FL 300
Flight <- "rf11"          # this had  cal maneuvers at 40K ft
fname = sprintf("%s%s/%s%s.nc", DataDirectory (),
                Project, Project, Flight)
D2 <- getNetCDF (fname, VarNames, Start=103000, End=104000, F=11)
## construct data.frame with speed-run data
DSR <- merge (D1[r, ], D2, all=TRUE)
```