Example of code to add a variable:

```
## get the old netCDF variables:
D <- getNetCDF (fname, VarList)
## open the copy of the old file for writing:
netCDFfile <- nc_open (fnew, write=TRUE)
Rate <- 1  ## the data rate of this file
## retrieve dimension info from the old file
Dimensions <- attr (D, "Dimensions")
Dim <- Dimensions[["Time"]]
## variables to add to the netCDF file: (add more)
VarNew <- c('LATKF')
VarOld <- c('LAT')
VarUnits <- c('degrees')
VarLongName <- c('latitude, KF')
VarStdName <- c('INS latitude, Kalman-filter-corrected')
## create the new variables
varCDF <- list ()
for (i in 1:length(VarNew)) {  ## only one in this example
  ## create the new variable and add it to the netCDF file
  varCDF[[i]] <- ncvar_def (VarNew[i],
                    units=VarUnits[i],
                    dim=Dim,
                    missval=as.single(-32767.), prec='float',
                    longname=VarLongName[i])
  if (i == 1) {
    newfile <- ncvar_add (netCDFfile, varCDF[[i]])
  } else {
    newfile <- ncvar_add (newfile, varCDF[[i]])
  }
  ## transfer attributes from the old variable and add new ones
  ATV <- ncatt_get (netCDFfile, VarOld[i])
  copy_attributes (ATV, VarNew[i], newfile)
  ncatt_put (newfile, VarNew[i], attname="standard_name",
             attval=VarStdName[i])
  ## add the measurements for the new variable
  ncvar_put (newfile, varCDF[[i]], D1[, VarNew[i]])
}
## then close to write the new file
nc_close (newfile)
```