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LAMPIRAN A

LISTING PROGRAM

```
* Program SIGUDKAI.PRG
* Menu utama program SIGUDKAI
#include "inkey.ch"
local Pilihan, Frame:=repl(chr(219),9), Clr, Scr
local Errlama:=errorblock()
errorblock({|e|Err(e,Errlama)})

do prosedur

set score off
set date italian
set wrap on
set cent on

setcolor("n/w+")
dispbox(1,0,23,79,Frame)

@0,0 say space(80)
set message to 24 center
@24,0 say space(80)
@24,0 Say "F1:Help"

setcolor("r/w")
@24,0 say "Esc"
Setcolor("n/w")
@Row(),4 say "Selesai"

do while .T.
  Setcolor("n/w,w+/n")
  @0,1        prompt " File     " mess "Pesawat, Penerimaan & Pengeluaran Pesawat"
  @row(),10 prompt " View Data " mess "View Penerimaan, Data Gudang, Pengeluaran"
  @row(),24 prompt " Utility " mess "Index, Pack, Print Laporan"
  @row(),36 prompt " Help "    mess "User Manual, Info Programmer"

  menu to Pilihan

  do case
    case Pilihan = 0
      Scr := SaveScreen()
      Clr := SetColor()
      Do Window With 10,25,15,55,"n/w,w+/n"
      @11,30 Say "Keluar Dari Program ?"
      @12,29 clear to 14,51
      @12,29 to 14,51 doub
      @13,30   Prompt " Ya "
      @Row(),44 Prompt " Tidak "
      Menu To Pilihan
      RestScreen(,,,,Scr)
      SetColor(Clr)
      If Pilihan = 1
        Exit
      Endif
    case Pilihan=1
       do MFile
    case Pilihan=2
       do MView
    case Pilihan=3
       do MUtility
    case Pilihan=4
       do MHelp
  endcase
enddo
```

```
setcolor("w/n")
cls
tone(700,5)
tone(300,1)
return


*Program MFile.Prg (Menu File)
#Include "Inkey.ch"
Local MScreen:=Savescreen(), MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0 Say Space(80)
@24,0 Say "Esc"
Set Message To 24 Center
SetColor("n/w")
@24,4 Say "Selesai"

Do While .T.
  Set Key K_RIGHT To RKey
  Set Key K_LEFT To LKey
  Do Window With 1,0,7,25,"n/w,w+/n"
    @2,1          Prompt "  Pesawat  Radio          ";
          Mess "Input, Edit Data Pesawat Radio"
    @row()+1,1 Prompt " Penerimaan Pesawat     ";
          Mess "Input, Edit Penerimaan Pesawat"
    @row()+1,1 Prompt " Pengeluaran Pesawat    ";
          Mess "Input, Edit Pengembalian Pesawat"
    @row()+1,0 Say "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
    @row()+1,1 Prompt "             Ex i t             ";
          Mess "     Keluar Dari Program      "
  Menu To Pilihan
  Set Key K_RIGHT To
  Set Key K_LEFT To
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do MFile1
    Case Pilihan=2
       Do MFile2
    Case Pilihan=3
       Do MFile3
    Case Pilihan=4
       Scr := SaveScreen()
       Clr := SetColor()
       Do Window With 10,25,15,55,"n/w,w+/n"
       @11,30 Say "Keluar Dari Program ?"
       @12,29 clear to 14,51
       @12,29 to 14,51 doub
       @13,30   Prompt " Ya "
       @Row(),46 Prompt "Tidak"
       Menu To Pilihan
       RestScreen(,,,,Scr)
       SetColor(Clr)
       If Pilihan = 1
         Set Color To
         Cls
         Quit
       Endif
  Endcase
Enddo
Restscreen(,,,,MScreen)
```

```
Setcolor(MColor)
Return

Proc MFile1
Local MScreen:=Savescreen(), MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0  Say Space(80)
@24,0  Say "Esc"
@24,72 Say "F1"
Set Message To 24 Center
SetColor("n/w")
@24,4  Say "Selesai"
@24,75 Say "Help"
Do While .T.
  Do Window With 2,27,6,44,"n/w,w+/n"
  @3,28          Prompt "   Input Data   " Mess "Input Data Pesawat Radio"
  @row()+1,27 Say   "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
  @row()+1,28 Prompt "   Edit Data    " Mess "Edit Data Pesawat Radio"
  Menu To Pilihan
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do Inputpes
    Case Pilihan=2
       Do Editpes
  Endcase
Enddo
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return

Proc MFile2
Local MScreen:=Savescreen(), MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0 Say Space(80)
@24,0 Say "Esc->"
Set Message To 24 Center
SetColor("n/w")
@24,5 Say "Selesai"
Do While .T.
 Do Window With 3,27,8,47,"n/w,w+/n"
 @4,28          Prompt "   Input Data   " Mess "Input Data Penerimaan Pesawat"
 @row()+1,28 Prompt "Edit Data Gudang" Mess "Edit Data Penerimaan Pesawat"
 @row()+1,27 Say   "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
 @row()+1,28 Prompt "Edit Data Terima" Mess "View Data Penerimaan Pesawat Radio"
  Menu To Pilihan
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do Terima
    Case Pilihan=2
       Do EditTrm
    Case Pilihan=3
       Do EditTp
  Endcase
Enddo
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return
```

```
Proc MFile3
Local MScreen:=Savescreen(), MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0  Say Space(80)
@24,0  Say "Esc->"
@24,72 Say "F1->"
Set Message To 24 Center
SetColor("n/w")
@24,5  Say "Selesai"
@24,76 Say "Help"
Do While .T.
  Do Window With 4,27,8,42,"n/w,w+/n"
  @5,28          Prompt "  Input Data  " Mess "Input Data Pengeluaran Pesawat"
  @row()+1,27 Say  "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
  @row()+1,28 Prompt "  Edit  Data  " Mess "Edit Data Pengeluaran Pesawat"
  Menu To Pilihan
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do Keluar
    Case Pilihan=2
       Do EditKel
  Endcase
Enddo
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return


*Program MView.prg (Menu View Data)
#Include "Inkey.ch"
Local MScreen:=Savescreen(),MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0 Say Space(80)
@24,0 Say "Esc"
Set Message To 24 Center
SetColor("n/w")
@24,3 Say "->Selesai"
Do While .T.
  Set Key K_RIGHT To RKey
  Set Key K_LEFT To LKey
  Do Window With 1,9,5,34,"n/w,w+/n"
  @2,10          Prompt    " Penerimaan Pesawat   " Mess "View Data Gudang Per No. Tanda   Penerimaan"
  @row()+1,9 Say "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
  @row()+1,10 Prompt "  Pengeluaran  Pesawat  " Mess "View Data Seluruh Pengeluaran Pesawat Radio"
  Menu To Pilihan
  Set Key K_RIGHT To
  Set Key K_LEFT To
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do Viewtrm
    Case Pilihan=2
       Do ViewKlr
  Endcase
  DbCloseAll()
Enddo
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return
```

```
*Program MUtility.Prg (Menu Utility)
#Include "Inkey.ch"
Local MScreen:=Savescreen(),MColor:=Setcolor(), Pilihan
Set Deleted On
SetColor("r/w")
@24,0 Say Space(80)
@24,0 Say "Esc"
Set Message To 24 Center
SetColor("n/w")
@24,4 Say "Selesai"
Do While .T.
  Set Key K_RIGHT To RKey
  Set Key K_LEFT To LKey
  Do Window With 1,23,6,40,"n/w,w+/n"
  @2,24          Prompt "    Index  File   " Mess"       Mengindex File       "
  @Row()+1,24 Prompt "   Packing File  " Mess"       Memadatkan File       "
  @Row()+1,23 Say   "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
  @Row()+1,24 Prompt " Print  Laporan " Mess"       Print Surat Tanda Penerimaan   "
  Menu To Pilihan
  Set Key K_RIGHT To
  Set key K_LEFT To
  Do Case
    Case Pilihan=0
       Exit
    Case Pilihan=1
       Do Index
    Case Pilihan=2
       Do Pack
    Case Pilihan=3
       Begin Sequence
          Do Printter
       End
  Endcase
  Set Printer To
  Set Device To Screen
  RestScreen(,,,,MScreen)
  SetColor(MColor)
  DbCloseAll()
Enddo
Set Deleted Off
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return


*Program MHelp.prg (Menu Help)
#Include "Inkey.ch"
Local MScreen:=Savescreen(),MColor:=Setcolor(), Pilihan
SetColor("r/w")
@24,0 Say Space(80)
@24,0 Say "Esc"
Set Message To 24 Center
SetColor("n/w")
@24,3 Say "->Selesai"
Do While .T.
  Set Key K_RIGHT To RKey
  Set Key K_LEFT To LKey
  Do Window With 1,35,7,54,"n/w,w+/n"
  @2,36          Prompt "  User Manual   " Mess "Petunjuk Penggunaan Program"
  @row()+1,35 Say "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
  @row()+1,36 Prompt "  About Program   " Mess "Informasi Program"
  @row()+1,35 Say "ÃÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ´"
```

```
@row()+1,38 Prompt " Info Programer " Mess "Informasi Program"
Menu To Pilihan
Set Key K_RIGHT To
Set Key K_LEFT To
Do Case
  Case Pilihan=0
     Exit
  Case Pilihan=1
     Do Help
  Case Pilihan=2
     Do About
  Case Pilihan=3
     Do Infopro
 Endcase
 DbCloseAll()
Enddo
Restscreen(,,,,MScreen)
Setcolor(MColor)
Return

Func Infopro
Local MScreen:=SaveScreen(), MColor:=SetColor()
Local MJudul := "DATA PRIBADI PROGRAMMER"

Do Window With 10,18,19,61,"w+/bg+, gr+/b"
@11,39-Len(MJudul)/2 Say MJudul
@Row()+1,19 Say Repl(Chr(196),42)
@Row()+1,22 Say "N A M A    : SOFYAN BADIE PUTRA"
@Row()+1,22 Say "N I M      : MI-396069"
@Row()+1,22 Say "JURUSAN    : MANAJEMEN INFORMATIKA-3"
@Row()+1,22 Say "ALAMAT     : JL. MARIBAYA 34 RT.01/X"
@Row()+1,22 Say "             DS.KAYUAMBON  LEMBANG "
@Row()+1,22 Say "             BANDUNG  40391"

If Lastkey() = K_ESC
  RestScreen(,,,,MScreen)
  SetColor(MColor)
  Return
Endif
Return

Func About
Local MScreen:=SaveScreen(), MColor:=SetColor()
Local MJudul := "INFO TENTANG PROGRAM"
Do Window With 10,18,19,61,"w+/bg+, gr+/bg"
@11,39-Len(MJudul)/2 Say MJudul
@Row()+1,19 Say Repl(Chr(196),42)
@Row()+2,27 Say " SISTEM PENGOLAHAN DATA"
@Row()+1,27 Say "PENERIMAAN PESAWAT RADIO"
@Row()+1,34 Say "Versi 1.0"
@Row()+2,24 Say "Created By : S. Badie Putra '99"

If Lastkey() = K_ESC
  RestScreen(,,,,MScreen)
  SetColor(MColor)
  Return
Endif
Return
```

```
* Program Inputpes.Prg
* Input data pesawat
#include "inkey.ch"
local MScreen:=savescreen(), MColor:=setcolor()
local MJudul:="INPUT DATA PESAWAT BARU"

close database
Use Pesawat Index Kode_pes, Nama_Pes New Shared

do while .T.
  do Window with 9,15,19,63,"n/w,w+/n"
  @10,39-len(MJudul)/2 say MJudul
  @row()+1,16 say repl(chr(205),47)
  dbgobottom()
  MKode_pes  := space(5)
  MNama_pes  := space(15)
  MJenis_pes := space(7)
  MSatuan    := space(4)
  setcursor(1)
  @row()+2,18 say "Kode Pesawat      :   " get MKode_pes pict "@K!";
                  valid AdaKodepes(MKode_pes)
  @row()+1,18 say "Nama Pesawat      :   " get MNama_pes pict "@K!"
  @row()+1,18 say "Jenis Pesawat     :   " get MJenis_pes pict "@K!"
  @row()+1,18 say "Satuan            :   " get MSatuan pict "@K!"
  @row()+2,28 say "Tekan Esc bila selesai !"
  read
  setcursor(0)
  if lastkey()=K_ESC
    exit
  endif

  dbappend()
  If Reclock()
    repl Kode_pes  with MKode_pes,;
         Nama_pes  with MNama_pes,;
         Jenis_pes with MJenis_pes,;
         Satuan    with MSatuan
    dbcommit()
    Unlock
  Endif
enddo

do Window with 10,19,13,59,"w+/b"
@11,32 say "Harap Index File "
@12,24 say "Setiap Kali Selesai Input Data !"
inkey(20)
restscreen(,,,,MScreen)
setcolor(MColor)
return

Func AdaKodepes(X)
local MScreen:=savescreen(), MColor:=setcolor()

dbseek(X)
if ! found()
  return .T.
endif

Setcolor("w+/b")
@18,10 Say " Kode Pesawat sudah ada !          Esc -> Gagalkan "
do Window with 19,10,23,69,"n/w,w+/b"
dbedit(20,11,22,68)
```

```
restscreen(,,,,MScreen)
setcolor(MColor)
return .F.


* Program Editpes.Prg
* View, Edit, Delete Data Pesawat Radio
#Include "Inkey.Ch"
Local MScreen:=SaveScreen(), MColor:=SetColor()
Local TB:=TBrowseDB()
Local C1, C2, C3, C4
Local AKolom[4], Apict[4], Ajudul[4]

@24,0 say space(80)
Setcolor("r/w")
@24,0    say "Esc"
@row(),16 say "Del"
@row(),34 say "F1"
@row(),46 say "F2"
@row(),60 say "F3"

Setcolor("n/w")
@24,5    say "Selesai"
@row(),20 say "Hapus Data"
@row(),37 say "Help"
@row(),49 say "CrKode"
@row(),63 say "CrNama"

close database
Use Pesawat Index Kode_pes, Nama_pes New Shared
dbgotop()

Akolom[1]:="Kode_pes"
Akolom[2]:="Nama_pes"
Akolom[3]:="Jenis_pes"
Akolom[4]:="Satuan"

Apict[1]:="@K!"
Apict[2]:="@K!"
Apict[3]:="@K!"
Apict[4]:="@K!"

Ajudul[1]:="KODE;PESAWAT"
Ajudul[2]:="NAMA PESAWAT"
Ajudul[3]:="JENIS;PESAWAT"
Ajudul[4]:="SATUAN"

C1:=TBColumnNew(Ajudul[1],{||&(Akolom[1])})
C2:=TBColumnNew(Ajudul[2],{||&(Akolom[2])})
C3:=TBColumnNew(Ajudul[3],{||&(Akolom[3])})
C4:=TBColumnNew(Ajudul[4],{||&(Akolom[4])})

TB:colorSpec:="n/bg,w+/b,,,n/bg"
C1:colorBlock:={||if(dele(),{5,2},{1,2})}
C2:colorBlock:={||if(dele(),{5,2},{1,2})}
C3:colorBlock:={||if(dele(),{5,2},{1,2})}
C4:colorBlock:={||if(dele(),{5,2},{1,2})}

TB:addColumn(C1)
TB:addColumn(C2)
TB:addColumn(C3)
TB:addColumn(C4)
```

```
TB:headSep:=chr(205)
TB:colSep:=chr(179)
TB:freeze:=1
TB:nTop:=9
TB:nLeft:=14
TB:nBottom:=20
TB:nRight:=65

Do Window with TB:nTop-3, TB:nLeft-1, TB:nBottom+1, TB:nRight+1, TB:colorSpec
setcursor(0)
do while .T.
  TB:forceStable()
  Setcolor("w+/b")
  @TB:nTop-3,53 say "Alt+P->"
  Setcolor("w+/b")
  @TB:nTop-3,60 say "Preview"
  Setcolor("n/bg,n/bg")
  @TB:nTop-2,TB:nLeft+14 say "EDIT DATA PESAWAT RADIO"
  @TB:nTop-1,TB:nLeft say repl(chr(196),52)
  @TB:nTop-1,TB:nLeft+39 say if(dele(),"Deleted","")
  X:=Kedip(TB)

  do case
    case Cursor(TB,X)
    case X=K_ESC
        exit
    case X=K_ENTER
        if TB:colPos=1
          tone(700,10)
          Scr:=savescreen()
          Clr:=setcolor()
          do Window with 10,15,14,65,"w*+/r"
          @11,17 say "Kode Pesawat tidak dapat diedit,"
          @12,17 say "  Karena Dapat merusak data."
          @13,17 say "Anda dapat mengedit kolom lain!"
          inkey(20)
          restscreen(,,,,Scr)
          setcolor(Clr)
          loop
        endif
        FieldSkrg:=Akolom[TB:colPos]
        MEdit:=&FieldSkrg
        setcursor(1)
        @row(),col() get MEdit pict Apict[TB:colPos]
        read
        setcursor(0)
        if lastkey()=K_ESC
          loop
        endif
        if RecLock()
          repl &FieldSkrg with MEdit
          unlock
          TB:refreshAll()
        endif
    case X=K_DEL
        if RecLock()
          if dele()
            recall
          else
            dele
          endif
          unlock
```

```
            endif
            tone(700,1)
            TB:refreshAll()
         case X=K_F2
            do CrKodepes
            TB:colPos:=1
            TB:refreshAll()
         case X=K_F3
            do CrNamapes
            TB:colPos:=2
            TB:refreshAll()
         case X=K_ALT_P
            Do Viewpes
            TB:refreshAll()
      endcase
   enddo
   dbcloseAll()
     do Window with 10,20,13,60,"w+/b"
     @11,32 say "Harap Index File "
     @12,23 say "Setiap Kali Selesai Mengedit Data !"
     inkey(20)
   restscreen(,,,,MScreen)
   setcolor(MColor)
   return

   Proc CrKodepes
   local MScreen:=savescreen(), MColor:=setcolor()
   local MKodepes:=space(5)
   setcursor(1)
   do Window with 20,25,22,55,"w+/r,w+/b"
   @ 21,30 say "Kode Pesawat : " get MKodepes pict "@!S5"
   read
   setcursor(0)
   restscreen(,,,,MScreen)
   setcolor(MColor)
   set order to 1
   seek(MKodepes)
   return

   Proc CrNamapes
   local MScreen:=savescreen(), MColor:=setcolor()
   local MNamapes:=space(15)
   setcursor(1)
   do Window with 20,19,22,63,"w+/r,w+/b"
   @ 21,21 say "Nama Pesawat : " get MNamapes pict "@!S25"
   read
   setcursor(0)
   restscreen(,,,,MScreen)
   setcolor(MColor)
   set order to 2
   seek(MNamapes)
   return

   Func ViewPes
   Local MScreen:=SaveScreen(), MColor:=SetColor()
   Local MKodepes, MNamapes, MSatuan, MJenispes
   Local MJudul := "PREVIEW DATA PESAWAT RADIO"
   Do Window With 8,14,15,65,"w+/b, gr+/b"
   @9,39-Len(MJudul)/2 Say MJudul
   @Row()+1,15 Say Repl(Chr(196),50)

    MKodepes  := Kode_pes
```

```
    MNamapes  := Nama_pes
    MSatuan   := Satuan
    MJenispes := Jenis_pes
    SetCursor(0)

    @Row()+1,17 Say "KODE PESAWAT    : " Get MKodepes
    @Row()+1,17 Say "NAMA PESAWAT    : " Get MNamapes
    @Row()+1,17 Say "JENIS PESAWAT   : " Get MJenispes
    @Row()+1,17 Say "SATUAN          : " Get MSatuan
    Read
    SetCursor(0)
    If LastKey() = K_ESC
      RestScreen(,,,,MScreen)
      SetColor(MColor)
      Return
    Endif
  RestScreen(,,,,MScreen)
  SetColor(MColor)
  DbCloseAll()
  Return


  * Program Terima.PRG
  * input Tanda Penerimaan Pesawat
  #include "inkey.ch"
  local MScreen:=savescreen(), MColor:=setcolor()
  local TB:=TBrowseDB()
  local C1, C2, C3, C4
  local AKolom[4], Apict[4], Ajudul[4]

  @24,0 say space(80)
  Setcolor("r/w")
  @24,0      say "Esc "
  @row(),15 say "Enter "
  @row(),29 say "Del "
  @row(),47 say "F1 "
  @row(),59 say "F2 "
  @row(),71 say "F3 "

  Setcolor("n/w")
  @24,5      say "Selesai"
  @row(),21 say "Edit"
  @row(),33 say "Hapus Data"
  @row(),50 say "Help"
  @row(),62 say "CrKode"
  @row(),74 say "CrNama"

  close database
  Use Pesawat Index Kode_pes, Nama_pes New Shared
  Use Terima Index Nomortp New Shared
  Use Datagud Index No_seri New Shared

  select Pesawat

  Akolom[1]:="Kode_pes"
  Akolom[2]:="Nama_pes"
  Akolom[3]:="Jenis_pes"
  Akolom[4]:="Satuan"

  Apict[1]:="@!"
  Apict[2]:="@K!"
  Apict[3]:="@K!"
```

```
Apict[4]:="@K!"

Ajudul[1]:="KODE;PESAWAT"
Ajudul[2]:="NAMA;PESAWAT"
Ajudul[3]:="JENIS;PESAWAT"
Ajudul[4]:="SATUAN"

C1:=TBColumnNew(Ajudul[1],{||tran(&(Akolom[1]),Apict[1])})
C2:=TBColumnNew(Ajudul[2],{||tran(&(Akolom[2]),Apict[2])})
C3:=TBColumnNew(Ajudul[3],{||tran(&(Akolom[3]),Apict[3])})
C4:=TBColumnNew(Ajudul[4],{||tran(&(Akolom[4]),Apict[4])})

TB:colorSpec:="n/bg,w+/b,,,w+/bg+"
C1:colorBlock:={||if(dele(),{5,2},{1,2})}
C2:colorBlock:={||if(dele(),{5,2},{1,2})}
C3:colorBlock:={||if(dele(),{5,2},{1,2})}
C4:colorBlock:={||if(dele(),{5,2},{1,2})}

TB:addColumn(C1)
TB:addColumn(C2)
TB:addColumn(C3)
TB:addColumn(C4)

TB:headSep:=chr(205)
TB:colSep:=chr(179)
TB:freeze:=1
TB:nTop:=11
TB:nLeft:=16
TB:nBottom:=21
TB:nRight:=63
do Window with TB:nTop-1, TB:nLeft-1, TB:nBottom+1, TB:nRight+1, TB:colorSpec
setcursor(0)
do while .T.
  TB:forceStable()
  Setcolor("gr+/b")
  @TB:nTop-1,51 Say "Alt+P->"
  Setcolor("w+/b")
  @TB:nTop-1,58 Say "Preview"
  Setcolor("n/w,n/w")
  X:=Kedip(TB)
  do case
    case Cursor(TB,X)
    case X=K_ESC
       exit
    case X=K_ENTER
       Inpterima()
       TB:refreshAll()
    case X=K_F2
       do CrKodepes
       TB:colPos:=1
       TB:refreshAll()
    case X=K_F3
       do CrNamapes
       TB:colPos:=2
       TB:refreshAll()
    case X=K_ALT_P
       do Viewpes
       TB:refreshAll()
  endcase
enddo
dbcloseAll()
restscreen(,,,,MScreen)
```

```
setcolor(MColor)
return

Proc Inpterima
local MScreen:=savescreen(), MColor:=setcolor()
local MKodepes, MNamapes, MNamakes:=space(25), MNomortp:=space(20)
local MJumlah, MNoseri, MKet, MSatuan, MTgl_Trm:=Date()
local MJudul:="INPUT DATA PENERIMAAN PESAWAT"

Select Terima
do Window with 12,14,16,65,"b/w,w+/b"
setcursor(1)
@13,16 say "No. Tanda Penerimaan : " get MNomortp pict "@!S20";
        valid AdaNotp(MNomortp)
@14,16 say "Asal Satuan Pemakai  : " get MNamakes pict "@!K"
@15,16 say "Tanggal Penerimaan   : " get MTgl_Trm pict "@!K"
read
setcursor(0)
Restscreen(,,,,MScreen)
Setcolor(MColor)
dbappend()
  If Reclock()
    repl Nomortp  with MNomortp,;
       Nama_kes with MNamakes, ;
       Tgl_Trm  with MTgl_Trm
    dbcommit()
    Unlock
  Endif
Do While .T.
  do Window with 10,12,22,67,"b/w,w+/b"
  @11,24 say MJudul
  @row()+1,13 say repl(chr(196),54)
  MNomortp := Terima->Nomortp
  MNamakes := Terima->Nama_kes
  MTgl_Trm := Terima->Tgl_Trm
  MKodepes := Pesawat->Kode_pes
  MNamapes := Pesawat->Nama_pes
  MSatuan  := Pesawat->Satuan
  MNoseri  := space(20)
  MKet     := space(25)
  setcursor(1)
  @row()+1,16 say "Kode Pesawat           : " get MKodepes when .F.
  @row()+1,16 say "Nama Pesawat           : " get MNamapes when .F.
  @row()+1,16 say "Satuan                 : " get MSatuan  when .F.
  @row()+1,16 say "No. Tanda Penerimaan : " get MNomortp when .F.
  @row()+1,16 say "Asal Satuan Pemakai  : " get MNamakes when .F.
  @row()+1,16 say "Nomor Seri Pesawat   : " get MNoseri pict "@!S15";
                  valid AdaNoseri(MNoseri)
  @row()+1,16 say "Keterangan             : " get MKet pict "@!K"
  @row()+2,23 say "Tekan Esc Bila Selesai Input Data !"
  read
  setcursor(0)
  if lastkey()=K_ESC
    Select Pesawat
    restscreen(,,,,MScreen)
    setcolor(MColor)
    return
  endif
  select Datagud
  dbappend()
  If Reclock()
    repl Kode_pes with Pesawat->Kode_pes,;
```

```
        Nomortp  with Terima->Nomortp,;
        No_seri   with MNoseri, ;
        Ket      with MKet
     dbcommit()
     Unlock
   Endif
Enddo

do window with 10,20,13,60,"gr+/b"
@11,32 say "Harap Index File"
@12,25 say "Setiap Kali Selesai Input Data !"
inkey(20)
select Pesawat

restscreen(,,,,MScreen)
setcolor(MColor)
return

Func AdaNoseri(X)
local MScreen:=savescreen(), MColor:=setcolor()
Select Datagud
dbseek(X)
if ! found()
  return .T.
endif
Setcolor("w+/b")
@18,10 Say " Pesawat dgn no. seri tersebut sudah ada    Esc -> Gagalkan "
do Window with 19,10,23,69,"n/bg,gr+/br"
dbedit(20,11,22,68)
Select Pesawat
restscreen(,,,,MScreen)
setcolor(MColor)
return .F.

Func AdaNotp(X)
local MScreen:=savescreen(), MColor:=setcolor()
Select Terima
dbseek(X)
if ! found()
  return .T.
endif
Setcolor("w+/b")
@18,10 Say " No. Tanda Penerimaan Tersebut Sudah Ada    Esc -> Gagalkan "
do Window with 19,10,23,69,"n/bg,gr+/br"
dbedit(20,11,22,68)
Select Pesawat
restscreen(,,,,MScreen)
setcolor(MColor)
return .F.


* Program EditTrm.Prg
* Edit, Delete Data Pesawat Di Gudang
#Include "Inkey.ch"
Local MScreen:=savescreen(), MColor:=setcolor()
Local TB:=TBrowseDB()
Local C1, C2, C3, C4, C5, C6, C7, C8, C9
Local AKolom[9], Apict[9], Ajudul[9]

@24,0 say space(80)
Setcolor("r/w")
@24,0    say "Esc"
```

```
@row(),13 say "Del"
@row(),29 say "F1"
@row(),38 say "F2"

Setcolor("n/w")
@24,4    say "Selesai"
@row(),17 say "Hapus Data"
@row(),32 say "Help"
@row(),41 say "CrNoseri"

close database
Use Pesawat Index Kode_pes, Nama_pes New Shared
Use Terima Index Nomortp, Nama_kes New Shared
Use Datagud Index No_seri, Kodepes, No_Tp New Shared

select pesawat
set order to 1
Select Datagud
set order to 1
Set Rela To Kode_pes Into Pesawat, Nomortp Into Terima

Akolom[1]:="Kode_pes"
Akolom[2]:="No_seri"
Akolom[3]:="Pesawat->Nama_pes"
Akolom[4]:="Pesawat->Jenis_pes"
Akolom[5]:="Pesawat->Satuan"
Akolom[6]:="Nomortp"
Akolom[7]:="Terima->Nama_kes"
Akolom[8]:="Terima->Tgl_Trm"
Akolom[9]:="Ket"

Apict[1]:="@K!"
Apict[2]:="@K!"
Apict[3]:="@K!"
Apict[4]:="@K!"
Apict[5]:="@K!"
Apict[6]:="@K!"
Apict[7]:="@K!"
Apict[8]:="@K!"
Apict[9]:="@K!"

Ajudul[1]:="KODE;PESAWAT"
Ajudul[2]:="NOMOR SERI PESAWAT"
Ajudul[3]:="NAMA;PESAWAT"
Ajudul[4]:="JENIS PESAWAT"
Ajudul[5]:="SATUAN"
Ajudul[6]:="NOMOR;TANDA PENERIMAAN"
Ajudul[7]:="ASAL SATUAN PEMAKAI"
Ajudul[8]:="TANGGAL;PENERIMAAN"
Ajudul[9]:="KETERANGAN"

C1:=TBColumnNew(Ajudul[1],{||&(Akolom[1])})
C2:=TBColumnNew(Ajudul[2],{||&(Akolom[2])})
C3:=TBColumnNew(Ajudul[3],{||&(Akolom[3])})
C4:=TBColumnNew(Ajudul[4],{||&(Akolom[4])})
C5:=TBColumnNew(Ajudul[5],{||&(Akolom[5])})
C6:=TBColumnNew(Ajudul[6],{||&(Akolom[6])})
C7:=TBColumnNew(Ajudul[7],{||&(Akolom[7])})
C8:=TBColumnNew(Ajudul[8],{||&(Akolom[8])})
C9:=TBColumnNew(Ajudul[9],{||&(Akolom[9])})

TB:colorSpec:="n/bg,w+/b,,,n/bg"
```

```
C1:colorBlock:={||if(dele(),{5,2},{1,2})}
C2:colorBlock:={||if(dele(),{5,2},{1,2})}
C3:colorBlock:={||if(dele(),{5,2},{1,2})}
C4:colorBlock:={||if(dele(),{5,2},{1,2})}
C5:colorBlock:={||if(dele(),{5,2},{1,2})}
C6:colorBlock:={||if(dele(),{5,2},{1,2})}
C7:colorBlock:={||if(dele(),{5,2},{1,2})}
C8:colorBlock:={||if(dele(),{5,2},{1,2})}
C9:colorBlock:={||if(dele(),{5,2},{1,2})}

TB:addColumn(C1)
TB:addColumn(C2)
TB:addColumn(C3)
TB:addColumn(C4)
TB:addColumn(C5)
TB:addColumn(C6)
TB:addColumn(C7)
TB:addColumn(C8)
TB:addColumn(C9)

TB:headSep:=chr(205)
TB:colSep:=chr(179)
TB:freeze:=1
TB:nTop:=5
TB:nLeft:=4
TB:nBottom:=21
TB:nRight:=75

do Window with TB:nTop-3, TB:nLeft-1, TB:nBottom+1, TB:nRight+1, TB:colorSpec
setcursor(0)
do while .T.
  TB:forceStable()
  Setcolor("gr+/b")
  @TB:nTop-3,63  Say "Alt+P->"
  Setcolor("w+/b")
  @TB:nTop-3,70  Say "Preview"
  Setcolor("n/bg,n/bg")
  @TB:nTop-2,TB:nLeft+16 say "EDIT DATA PESAWAT RADIO YANG ADA DI GUDANG"
  @TB:nTop-1,TB:nLeft say repl(chr(196),72)
  @TB:nTop-1,TB:nLeft+59 say if(dele(),"Deleted","")
  X:=Kedip(TB)

  do case
    case Cursor(TB,X)
    case X=K_ESC
       exit
    case X=K_ENTER
       if TB:colPos=1 .OR. TB:colpos=3 .OR. TB:colpos=4 .OR. TB:Colpos=5
         tone(700,10)
         Scr:=savescreen()
         Clr:=setcolor()
         do Window with 10,11,13,68,"w+/r"
         @11,14 say "Kode Pesawat, Nama Pesawat, Satuan, Dan Jenis Pesawat"
         @12,15 say "Tdk Bisa Diedit. Harus Diedit Pd Tabel Data Pesawat."
         inkey(20)
         restscreen(,,,,Scr)
         setcolor(Clr)
         loop
       endif
       FieldSkrg:=Akolom[TB:colPos]
       MEdit:=&FieldSkrg
       setcursor(1)
```

```
        @row(),col() get MEdit pict Apict[TB:colPos]
        read
        setcursor(0)
        if lastkey()=K_ESC
          loop
        endif
        if RecLock()
          repl &FieldSkrg with MEdit
          unlock
          TB:refreshAll()
        endif
    case X=K_DEL
        if RecLock()
          if dele()
            recall
          else
            dele
          endif
          unlock
        endif
        tone(700,1)
        TB:refreshAll()
    case X=K_F2
        do CrNoseri
        TB:colPos:=2
        TB:refreshAll()
    case X=K_ALT_P
        Do ViewTer
        TB:refreshAll()
  endcase
enddo
dbcloseAll()

  do Window with 10,20,13,60,"w+/b"
  @11,32 say "Harap Index File "
  @12,23 say "Setiap Kali Selesai Mengedit Data !"
  inkey(20)

restscreen(,,,,MScreen)
setcolor(MColor)
return

Proc CrNoseri
local MScreen:=savescreen(), MColor:=setcolor()
local MNoseri:=space(15)
setcursor(1)
Select Datagud
do Window with 20,24,22,56,"w+/r,gr+/b"
@ 21,26 say "Nomor Seri : " get MNoseri pict "@!S15"
read
setcursor(0)
restscreen(,,,,MScreen)
setcolor(MColor)
seek(MNoseri)
return

Func ViewTer
Local MScreen:=SaveScreen(), MColor:=SetColor()
Local MKodepes, MNamapes, MSatuan
Local MNoseri, MNamakes, MNomortp, MKeterangan
Local MJudul := "PREVIEW DATA PENERIMAAN PESAWAT RADIO"
Do Window With 7,13,19,66,"w+/b, gr+/b"
```

```
 @8,39-Len(MJudul)/2 Say MJudul
 @Row()+1,15 Say Repl(Chr(196),50)
   MKodepes    := Kode_pes
   MNamapes    := Pesawat->Nama_pes
   MJenispes   := Pesawat->Jenis_pes
   MSatuan     := Pesawat->Satuan
   MNoseri     := No_seri
   MNamakes    := Terima->Nama_kes
   MNomortp    := Nomortp
   MTgl_Trm    := Terima->Tgl_Trm
   MKeterangan := Ket
   SetCursor(0)
   @Row()+1,16 Say "KODE PESAWAT              : " Get MKodepes
   @Row()+1,16 Say "NAMA PESAWAT              : " Get MNamapes
   @Row()+1,16 Say "JENIS PESAWAT             : " Get MJenispes
   @Row()+1,16 Say "SATUAN                    : " Get MSatuan
   @Row()+1,16 Say "NOMOR SERI PESAWAT        : " Get MNoseri
   @Row()+1,16 Say "NO TANDA PENERIMAAN       : " Get MNomortp
   @Row()+1,16 Say "ASAL SATUAN PEMAKAI       : " Get MNamakes
   @Row()+1,16 Say "TANGGAL PENERIMAAN        : " Get MTgl_Trm
   @Row()+1,16 Say "KETERANGAN                : " Get MKeterangan
   Read
    SetCursor(0)
    If LastKey() = K_ESC
      RestScreen(,,,,MScreen)
      SetColor(MColor)
      Return
    Endif
 RestScreen(,,,,MScreen)
 SetColor(MColor)
 DbCloseAll()
 Return


 * Program Edittp.Prg
 * View, Edit, Delete Tanda Penerimaan
 #Include "Inkey.Ch"
 Local MScreen:=SaveScreen(), MColor:=SetColor()
 Local TB:=TBrowseDB()
 Local C1, C2, C3
 Local AKolom[3], Apict[3], Ajudul[3]

 @24,0 say space(80)
 Setcolor("r/w")
 @24,0    say "Esc"
 @row(),16 say "Del"
 @row(),34 say "F1"
 @row(),46 say "F2"

 Setcolor("n/w")
 @24,5    say "Selesai"
 @row(),20 say "Hapus Data"
 @row(),37 say "Help"
 @row(),49 say "CrNomortp"

 close database
 Use Terima Index Nomortp New Shared
 dbgotop()

 Akolom[1]:="Nomortp"
 Akolom[2]:="Nama_kes"
 Akolom[3]:="Tgl_trm"
```

LAMPIRAN B

OUTPUT PROGRAM

DIREKTORAT PERHUBUNGAN

TENTARA NASIONAL INDONESIA ANGKATAN DARAT

BENGKEL PUSAT PERHUBUNGAN

T A N D A - P E N E R I M A A N

NOMOR : 17/PEN/GUD/I/1999

D A R I : HUBDAM III/SILIWANGI
K E P A D A : BENGPUSHUB
B A G I A N : SI GUD KAI

NO.	NAMA PESAWAT	NOMOR SERI PESAWAT	SATUAN	KETERANGAN
1	2	3	4	5
1	AN/PRC-77	5591-0985	BUAH	DALAM KEADAAN RUSAK
2	AN/PRC-77	5591-1274	BUAH	DALAM KEADAAN RUSAK
3	AN/PRC-77	5591-2106	BUAH	DALAM KEADAAN RUSAK
4	AN/PRC-77	5591-1236	BUAH	DALAM KEADAAN RUSAK
5	AN/PRC-77	5591-1263	BUAH	DALAM KEADAAN RUSAK
6	AN/PRC-77	5591-0925	BUAH	DALAM KEADAAN RUSAK
7	AN/PRC-77	5591-2038	BUAH	DALAM KEADAAN RUSAK
8	AN/PRC-77	5591-1709	BUAH	DALAM KEADAAN RUSAK
9	AN/PRC-77	5591-1205	BUAH	DALAM KEADAAN RUSAK
10	AN/PRC-77	5591-1592	BUAH	DALAM KEADAAN RUSAK
11	AN/PRC-77	5591-1272	BUAH	DALAM KEADAAN RUSAK
12	AN/PRC-77	5591-2100	BUAH	DALAM KEADAAN RUSAK
13	AN/PRC-77	5591-1007	BUAH	DALAM KEADAAN RUSAK
14	AN/PRC-77	5591-2083	BUAH	DALAM KEADAAN RUSAK
15	MP-25	12345	BUAH	RUSAK BERAT

Bandung, 22-06-1999

YANG MENYERAHKAN

MENGETAHUI :
An. K E P A L A
W A K A
ub

YANG MENERIMA

KA SI GUD KAI

LAMPIRAN C

DOKUMEN PERUSAHAAN

KOMANDO DAERAH MILITER V
BRAWIJAYA
PERHUBUNGAN

Bentuk : R.I.77

Nomor : 03 /Rep/ X / 1998
Tanggal : 29 Oktober 1998

Sifat
Sangat penting
Penting
Biasa
Kecil

Kepada
Yth. DIRHUBAD
di

Jakarta

PERMINTAAN REPARASI

NO URT	NOMOR REGISTER	MERK DAN TYPE	MACAM ALAT	JUMLAH ANGKA	JUMLAH HURUF	PENJELASAN KERUSAKAN	KET
1	2	3	4	5	6	7	8
1.	- 91110131 - 91110150 - 91110147 - 91110159	PRC-1077	Radio	4	empat	Rusak	Milik-Yonif-521.
2.	- 91110085 - 91110073 - 91110076	PRC-1077	Radio	3	Tiga	Rusak	Milik - Yonif - 516.
3.	- 9505846	PRC-1077	Radio	1	satu	Rusak	Milik - Yonif - 514.
4.	- 91111601	PRC-1077	Radio	1	satu	Rusak	Cad.Rah (Gudang)

Dikeluarkan di : Malang
Pada tanggal : 29 Oktober 1998

YANG MENERIMA

YANG MENYERAHKAN
KEPALA PERHUBUNGAN

KODAM V/ BRAWIJAYA
KEPALA
PERHUBUNGAN

SUMARNO, S. IP.
KOLONEL CHB NRP 28020

TENTARA NASIONAL INDONESIA ANGKATAN DARAT
BENGKEL PUSAT PENGISIAN

TANDA PENERIMAAN

NOMOR : 17/PEN/GUD/I/1999

DARI : HUBDAM.III/SLW.....
KEPADA : BENGPUSHUB.....
SI GUD KAI
BAGIAN : .....

NO. URUT	NAMA - BARANG	SERIE NOMOR	SATUAN	BANYAKNYA	KETERANGAN
1	2	3	4	5	6
1.	Pesawat PRC-77	5591-0985, 5591-1274, 5591-2106, 5591-1236, 5591-1263, 5591-0925, 5591-2038, 5591-1709, 5591-1205, 5591-1592, 5591-1272, 5591-2100, 5591-0987, 5591-1007, 5591-2083, 5591-0244, 5591-1175, 5591-0266, 5591-0575, 5591-2097, 5591-1310, 06059,03115, 01128, 00692, 10311, 05811, 05823, 03491, 01757, 03433, 02426, 01655, 05954, 06062, 10379, 05959, 11353, 06073, 02204, 12598, 02736, 11377, 00276, 01620, 03411, 00582, 11479, 01181, 77021, 02952, 02223, 01908, 11372, 06027, 03246, 11469, 02598, 02607, 05815, 03483, 12771, 01822, 01812, 11358, 02953, 02297, 02637,	Buah	100	Barang tersebut keadaan rusak untuk diperbaiki di BengPusHub.

Bandung, 01184.....

YANG MENYERAHKAN

MENGETAHUI :
An. KEPALA
WAKA
ub

YANG MENERIMA

KA SI GUD KAI

SURAT PENGAJUAN KOMISI
NO. : 40 / GUD / I/ 96

1. Mohon diadakan pemeriksaan Materiil Sebagai Berikut :
Dari GUPUSHUB.

I. Dengan Perincian sebagai berikut :

1. 1 Bh Test Set Marconi Type 2955 Seri Nomor :
132412/030.

Perlengkapan

- 1 Bh Kabel Power AC
- 1 Bh Psophometric Filter
- 1 Bh Kabel Conector RF IN/OUT PUT

2. 1 Bh Rest Set Marconi Type 2955 B. Seri Nomor :
132108/074.

Perlengkapan

- 1 Buah Kabel Power

II. Atas perhatiannya diucapkan terima kasih.

Kepada :
Yth. KA BENG KAL PROD
DI
T e m p a t

Bandung, - 1 - 1996
PS. KA SI GUD KAI

S U K A N D I
KAPTEN CHB NRP. 477245