

Dogfight

Up in the wild blue yonder, you and the enemy ace are duelling above the trenches. Swoop down on the foe, hang on his tail, catch him unawares from below, with your trusty Brownings spitting leaden death. All good clean fun, but watch for the wraparound!

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5   REM ** SOLO DOGFIGHT**BBC VERSION** CO
NVERTED BY I.THOMAS FROM ORIGINAL BY R.ERSKIN
E**
10  GOSUB670
20  GOSUB730
30  MODE1:VDU17,130,12,28,4,27,35,4,29,128;
192;19,1,6;0;19,2,4;0;17,129,12
40  GOSUB650
50  IFP(3)=Q(3) AND P(4)=Q(4) GOTO420
60  PRINTTAB(P(4),P(3))" "
70  IFP(1)<21 COLOUR2:PRINTTAB(P(2),P(1))CH
R$(A+223):P(3)=P(1):P(4)=P(2)
80  IFP(3)=Q(3) AND P(4)=Q(4) GOTO420
90  PRINTTAB(Q(4),Q(3))" "
100 IFQ(1)<21 COLOUR0:PRINTTAB(Q(2),Q(1))CH
R$(AA+231):Q(3)=Q(1):Q(4)=Q(2)
110 IFINKEY(-102) AND G=1 F=1
120 IF RND(1)>.5 AND G=-1 AND ABS(P(1)-Q(1)
)<7 AND ABS(P(2)-Q(2))<7 F=2
130 IFINKEY(-66) AND G=1 A=A+1:IF A=9 A=1
140 IF RND(1)>.9 AA=AA+1:IFAA=9 AA=1
150 IFINKEY(-98) AND G=1 A=A-1:IFA=0 A=8
160 IFRND(1)>.9 AA=AA-1:IFAA=0 AA=8
170 IFF>0 GOSUB300
180 P(1)=P(1)+D(A):P(2)=P(2)+D(A+8)
190 Q(1)=Q(1)+E(AA):Q(2)=Q(2)+E(AA+8)
200 IFP(1)>20 P(1)=0
210 IFQ(1)>20 Q(1)=0
220 IFP(1)<0 P(1)=20
230 IFQ(1)<0 Q(1)=20
240 IFP(2)>31 P(2)=0
250 IFP(2)<0 P(2)=31
260 IFQ(2)>31 Q(2)=0

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270 IFQ(2)<0 Q(2)=31
280 G=-G
290 GOTO50
300 IFF=1 X=FNA(P(2)):Y=-FNB(P(1))
310 IFF=2 X=FNA(Q(2)):Y=-FNB(Q(1))
320 IFF=1 XX=F(A):YY=F(A+8)
330 IFF=2 XX=G(AA):YY=G(AA+8)
340 CNT=0
350 IFX>247 OR X<8 OR Y<8 OR Y>175 GOTO410
360 IF(F=1 AND POINT(X*4,Y*4)=0)OR(F=2 AND
POINT(X*4,Y*4)=2) GOTO500
370 IFCNT>0 GCOL0,0:PLOT69,X*4,Y*4
380 CNT=CNT+1
390 IFCNT>1 GCOL0,1:PLOT69,X*4,Y*4:X=X+XX:Y
=Y+YY
400 IFCNT<6 GOTO350
410 F=0:RETURN
420 COLOUR3:PRINTTAB(P(4),P(3)) "*"
430 LIVES=LIVES-1:LIVES2=LIVES2-1
440 FORI=1TO10:SOUND0,-15,4+(I)MOD3,1:NEXT
450 IFLIVES=0 OR LIVES2=0 GOTO600
460 PRINTTAB(P(4),P(3)) " "
470 A=1:AA=1:P(1)=20:P(2)=0:Q(1)=20:Q(2)=31
:P(3)=P(1):P(4)=P(2):Q(3)=Q(1):Q(4)=Q(2)
480 GOSUB650
490 GOTO50
500 COLOUR3
510 IFF=1 PRINTTAB(Q(2),Q(1)) "*"
520 IFF=2 PRINTTAB(P(2),P(1)) "*"
530 FORI=1TO10:SOUND0,-15,4+(I)MOD3,1:NEXT
540 IFF=1 LIVES2=LIVES2-1:IFLIVES2=0 GOTO60
0
550 IFF=2 LIVES=LIVES-1:IFLIVES=0 GOTO600
560 IFF=1 Q(1)=20:Q(2)=31:AA=1
570 IFF=2 P(1)=20:P(2)=31:A=1
580 GOSUB650
590 GOTO410
600 COLOUR0:IFLIVES=0 AND LIVES2=0 PRINTTAB
(0,22)"The result is a draw."
610 IFLIVES=0 AND LIVES2>0 PRINTTAB(0,22)"T
he computer wins."
620 IFLIVES>0 AND LIVES2=0 PRINTTAB(0,22)"Y
ou are the winner."
630 PRINTTAB(0,23)"Press SPACE to replay.";
640 REPEATUNTILINKEY(-99):RUN

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3 Dog Fight

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650 PRINTTAB(0,21)"PLYR lives: ";LIVES;"
COMP. lives: ";LIVES2;
660 RETURN
670 MODE7:PRINTCHR$141;CHR$&86;SPC(10)"Solo
-Dogfight"'CHR$141;CHR$&86;SPC(10)"Solo-Dogfi
ght"
680 PRINT'''CHR$&83"Player controls:"'CHR
$&85" A...Up"'CHR$&85" Z...Down"'CHR$&85"
M...Fire"
690 PRINT'CHR$&82"The player controls the
blue aircraft"'CHR$&82"and the computer contr
ols the black."
700 PRINTTAB(7,22)CHR$&81;CHR$136"Press SPA
CE to play."
710 REPEATUNTILGET=32
720 RETURN
730 DIMP(4),Q(4),G$(2),D(16),E(16)
740 G=1
750 P(1)=20:Q(1)=20:Q(2)=31:P(3)=20:Q(3)=20
:Q(4)=20
760 A=1:AA=1
770 RESTORE:FORX=1TO16
780 READD(X),E(X)
790 NEXT
800 DATA0,0,-1,-1,-1,-1,-1,-1,0,0,1,1,1,1,1
,1
810 DATA1,-1,1,-1,0,0,-1,1,-1,1,-1,1,0,0,1,
-1
820 F=0
830 G$(1)=CHR$(223+A):G$(2)=CHR$(231+A)
840 FORI=224TO239:VDU23,I:FORX=0TO7:READN:V
DUN:NEXT,
850 DATA0,15,132,255,0,15,0,0
860 DATA8,26,52,9,18,164,64,0
870 DATA84,84,116,84,16,16,16,48
880 DATA16,72,36,208,72,36,2,4
890 DATA0,240,0,255,33,240,0,0
900 DATA0,2,37,72,144,36,88,16
910 DATA12,8,8,8,42,46,42,42
920 DATA32,64,36,18,11,36,18,8
930 DATA0,240,33,255,0,240,0,0
940 DATA16,88,164,144,72,37,2,0
950 DATA42,42,46,42,8,8,8,8
960 DATA8,18,36,11,18,36,64,32
970 DATA0,0,15,0,255,132,15,0
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980 DATA0,64,164,18,5,36,26,0
990 DATA48,16,16,16,84,116,84,84
1000 DATA4,2,36,72,208,36,72,16
1010 LIVES=3:LIVES2=3
1020 DEFFNA(X)=X*8+4
1030 DEFFNB(X)=X*8-172
1040 DIMF(16),G(16)
1050 FORX=1TO16:READF(X):NEXT
1060 DATA8,8,0,-8,-8,-8,0,8,0,8,8,8,0,-8,-
8,-8
1070 FORX=1TO16:READG(X):NEXT
1080 DATA-8,-8,0,8,8,8,0,-8,0,8,8,8,0,-8,-
8,-8
1090 RETURN
1100 DEFFNAT(X,Y)
1110 A%=135:A%=USR&FFF4 AND&FFFF
1120 =A% DIV256
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