

/ sckim@kari.re.kr,

3

1.

. [4]

1903

가

400

[ 1],

1940

. [5]

5

가

가

2000

가

, A380, B7E7

10%

가

1950

[ 2],

가

가

가



1. VegaAirplane

[1~3]



2. P-3A

(1965)

가

가

100

3,000

가

. [ 3]



3. P-3C (2002)

T-50

[6],

2.

2.1

2005

A380

2003

Jean-Luc Lagardere

Industrial Site

[ 4]



4.A380 (2004)

A380 450m,  
250m, 46m 2003 11

가가

[7]

Marshall Aerospace 2004 6

[ 5]

Marshall Aerospace

가

가



5. Hercules

( Marshall Aerospace )

Marshall Aerospace Hercules IPT  
C-130K Hercules

3

, Hercules IPT

C-130K

30,000

[8]

RUAG Aerospace FCS Test Systems  
SmartTEST

F/A-18 [ 6]

SmartTEST

Fokker 가 Fokker 100, 70, 50

90



6. F/A-18  
( RUAG Aerospace )

F/A-18  
3 가 ,  
F/A-18 Boeing  
Northrop Grumman 5,000  
가 3 Main  
Carry-through Bulkhead  
RUAG Aerospace  
Aerospace IABG  
SmartTEST 10,400  
F/A-18  
2003 1 , 2004 6  
9,000

SmartTEST JSF .[8]

2.2

2002 3 F-22  
.[ 7]



7. F-22  
( Lockheed MartinAeronautic )

F-22  
가

Aeronautic F-22 3,600  
가 ( ,  
250millisec  
Aeronautic  
13,000  
S-3  
17,750 가 . [10]  
Sino Swearingen Aircraft SJ30-2  
FAA/JAA Part23

SJ30-2  
[ 8] San-Antonio



8. SJ30-2  
( Sino Swearingen Aircraft )

SJ30-2  
 , ,  
 ,  
 . Sino Swearingen Aircraft  
 FAR23 0.005  
 AERO-90 LT  
 , 562  
 .[9]  
 Kansas Cessna Mid-Continent  
 CJ3 FAA  
 [ 9]

1990  
 (KT-1)  
 .[ 10]



10.

(T-50)  
 2 2004 11  
 . T-50

2% 가 7,933

.[ 11][11]

9. CJ3  
 ( Cessna Aircraft )  
 Mid-Continent Citation X, Bravo, Excel,  
 Encore, CJ1 CJ2

Aero-90 1992  
 , 5-10  
 .[9]

2.3

91,  
 . 91

.[4]

(T-50)



11. T-50

가

2000

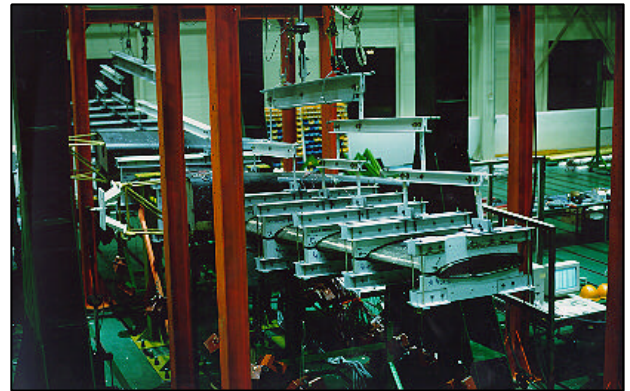
[ 12] [ 13]



12.



13.



14.



15.

1998 [ 16],

2.4

1996 가

, 1999

. 2004

T-50



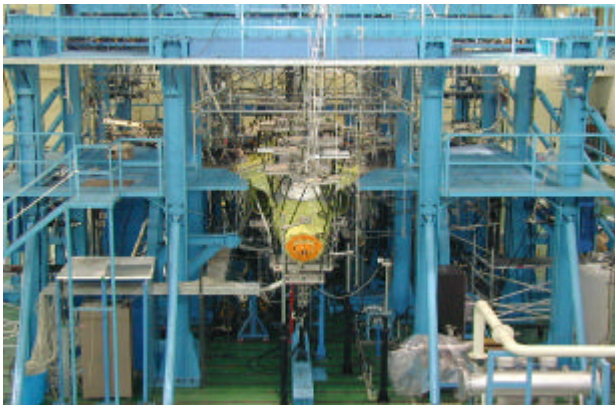
16.

1993 1, 1996 1997 [ 14],

[ 15]

1999 2004 (T-50)

. [ 17]



17 T-50

T-50

가

. 5가  
, 12가

(T-50)

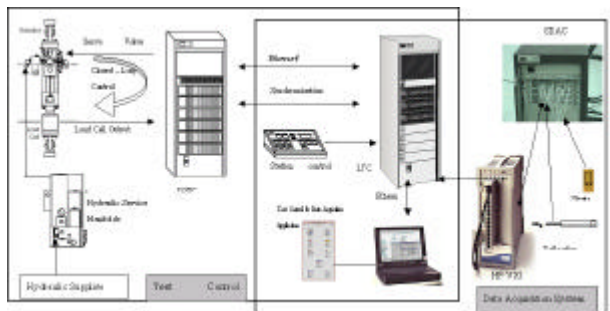
T-50

MTS

Aero-90/Pro

90 / 3 / 11  
2,500

. [ 18 ]



18T-50

(LTC)

(DSSC)

(LTC)

(Synchronization)

가

(DSSC)

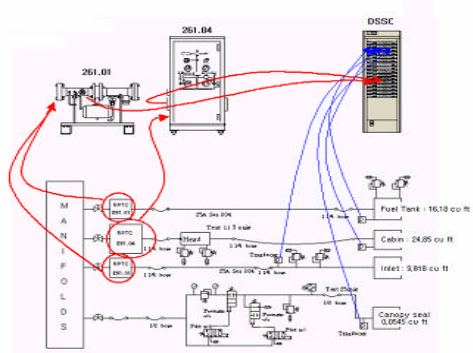
(Shutdown)가

(Shutdown Record)

Agilent SDAC , MTS  
Aero-Pro 2,500

Aero-90

. [ 19 ]



19.

, 2%

가

3D Mockup

, Pad

가

가

4



20. 4

for,"AFGS-87221A.

4. , , , " , 26 4 , 1998, pp.177~184
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3.

가

10

가

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