

F-104 accident assessment list (accidents, ground losses, damaged beyond repair)

| Wing/unit | timeframe used | years ops | flight hours | human factor | nozzle/ engine/ | aircraft/ system | Birdstr./ enviro | maint./ ground | FOD/ others | total losses | fatal | accident rate |
|--------------------------------|------------------------|-----------|------------------|--------------|-----------------|------------------|------------------|----------------|-------------|---------------|------------|---------------|
| JaboG 31 "B" Norvenich | Feb 1962 - May 1983 | 21 | 211.412 | 16 | 16 | 4 | 5 | - | 1 | 42 | 14 | 18,9 |
| JaboG 32 Lechfeld | Jan 1965 - Apr 1984 | 19 | 204.986 | 10 | 2 | 2 | 2 | - | - | 16 | 6 | 7,8 |
| JaboG 33 Buchel | Aug 1962 - May 1985 | 22 | 231.900 | 3 | 10 | 4 | 5 | - | 1 | 22 | 3 | 9,5 |
| JaboG 34 Memmingen | Jul 1964 - Oct 1987 | 24 | 242.785 | 17 | 7 | 4 | 1 | - | 4 | 33 | 11 | 12,4 |
| JaboG 36 Hopsten | Feb 1965 - Jan 1975 | 10 | 82.722 | 2 | 4 | 4 | - | 1 | - | 11 | 6 | 12,1 |
| JG 71 "R" Wittmund | Apr 1963 - Sep 1974 | 12 | 83.182 | 12 | 3 | 1 | - | - | - | 17 | 8 | 19,2 |
| JG 74 Neuburg | May 1964 - Jul 1974 | 11 | 81.840 | 2 | 4 | - | 1 | 1 | 1 | 9 | 3 | 9,8 |
| AG 51 "I" Ingo/Bremgarten | Nov1963 - Apr 1971 | 8 | 61.390 | 7 | 3 | 2 | 1 | 2 | - | 15 | 6 | 22,8 |
| AG 52 Leck | Nov 1964 - Sep 1971 | 7 | 56.571 | - | 1 | - | 2 | - | - | 3 | 1 | 5,3 |
| MFG 1 Jagel | Sep 1963 - Oct 1981 | 17 | 131.915 | 9 | 6 | - | 1 | - | 2 | 18 | 9 | 14,4 |
| MFG 2 Eggebek | Mar 1965 - Sep 1986 | 22 | 173.070 | 15 | 3 | 3 | 10 | 1 | - | 32 | 14 | 17,3 |
| WaSLw 10 Nor/Jever | May 1960 - Sep 1983 | 23 | 123.728 | 13 | 5 | 5 | - | - | - | 23 | 12 | 17,8 |
| 2. DtLwAusb Staff, Luke AFB | Feb 1964 - Mar 1983 | 20 | 269.750 | 19 | 8 | 13 | - | - | 3 | 43 [1xMAP] | 21 | 15,6 |
| ErpSt/WTD 61 Manching | Feb 1962 - May 1991 | 23 | 10.500 | - | - | 1 | - | - | - | 1 | - | 0,1 |
| LVR 1 Erding | May 1984 - Sep 1988 | 5 | 9.895 | - | - | - | - | - | 1 | 1 | - | 0,1 |
| MBB/Det Deci | 1962 - 1991 | - | - | 3 | 4 | 2 | - | 1 | 2 | 12 | 2 | - |
| Total | | | 1.975.646 | 128 | 76 | 45 | 28 | 6 | 15 | 298 | 116 | 14,3 |

Annual total losses (accidents, ground losses, damaged beyond repair)

| | | | | | | | | | | | | | | | |
|--------|------|-------|------|------|--------|------|------|------|------|------|------|------|------|------|------------|
| year | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 |
| Losses | 2 | 7 | 0 | 10 | 27 [1] | 22 | 14 | 19 | 16 | 18 | 19 | 12 | 15 | 10 | 11 |
| pilots | - | 6 | - | 3 | 17 | 13 | 3 | 10 | 9 | 6 | 7 | 6 | 5 | 2 | 7 |
| year | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | total |
| Losses | 12 | 10 | 13 | 10 | 11 | 9 | 13 | 4 | 8 | 4 | 1 | 0 | 0 | 1 | <u>298</u> |
| pilots | 2 | 4 [2] | 2 | 1 | 6 | 2 | 3 | - | 2 | - | - | - | - | - | <u>116</u> |

Total 298 including 6 ground accidents

[1] including 1 German Navy flown MAP F-104G

[2] 3 pilots and 1 passenger

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update: April 4, 2011