

OPNAV 3750.6R Appendix L
WHO, WHAT and WHY
Detailed Causal Factors

NSC
code

Who Values

Help/History Notes

1		
101	AIRCREW	
10101	PILOT AT CONTROLS	
10102	MISSION COMMANDER	
10103	AIRCRAFT COMMANDER	
10104	INSTRUCTOR	
10105	PILOT IN COMMAND	
10106	UNDER INSTRUCTION	
10107	FLIGHT SURGEON	
10108	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10109	FLIGHT/SECTION LEADER	
10110	OTHER	
10111	NO FURTHER BREAKDOWN	ADDED FEB 1995.
10112	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10113	EVALUATOR	NEW CODE ADDED MARCH 95.
10114	PREVIOUS FLIGHT OF MISHAP AIRCRAFT	
10115	DIVISION/FORMATION AIRCRAFT	
102	WINGMAN	ADDED ON 08/04/2003
10201	PILOT NOT AT CONTROLS	
10202	MISSION COMMANDER	
10203	AIRCRAFT COMMANDER	
10204	INSTRUCTOR	
10205	PILOT IN COMMAND	
10206	UNDER INSTRUCTION	
10207	FLIGHT SURGEON	
10208	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10209	FLIGHT/SECTION LEADER	
10210	OTHER	
10211	NO FURTHER BREAKDOWN	ADDED FEB 1995.
10212	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10213	EVALUATOR	NEW CODE ADDED MARCH 95.
103	WINGMAN	ADDED ON 08/04/2003
10301	COPILOT AT CONTROLS	
10302	MISSION COMMANDER	
10303	AIRCRAFT COMMANDER	
10304	INSTRUCTOR	
10305	PILOT IN COMMAND	
10306	UNDER INSTRUCTION	
10307	FLIGHT SURGEON	
10308	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10309	FLIGHT/SECTION LEADER	
10310	OTHER	
10311	NO FURTHER BREAKDOWN	ADDED FEB 1995.
10312	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10313	EVALUATOR	NEW CODE ADDED MARCH 95.
104	WINGMAN	ADDED ON 08/04/2003
10401	COPILOT NOT AT CONTROLS	
10402	MISSION COMMANDER	
10403	AIRCRAFT COMMANDER	
10404	INSTRUCTOR	
10405	PILOT IN COMMAND	
10406	UNDER INSTRUCTION	
10407	FLIGHT SURGEON	
10408	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10409	FLIGHT/SECTION LEADER	
10410	OTHER	
10411	NO FURTHER BREAKDOWN	ADDED FEB 1995.
10412	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10413	EVALUATOR	NEW CODE ADDED MARCH 95.
105	WINGMAN	NEW AS OF 08/04/2003
10501	BN	
10502	MISSION COMMANDER	
10503	AIRCRAFT COMMANDER	
10504	INSTRUCTOR	
10505	PILOT IN COMMAND	
10506	UNDER INSTRUCTION	
10507	FLIGHT SURGEON	
10508	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10509	FLIGHT/SECTION LEADER	
	OTHER	

10510	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
10511	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10512	EVALUATOR	NEW CODE ADDED MARCH 95.
106	RIO	
10601	MISSION COMMANDER	
10602	AIRCRAFT COMMANDER	
10603	INSTRUCTOR	
10604	PILOT IN COMMAND	
10605	UNDER INSTRUCTION	
10606	FLIGHT SURGEON	
10607	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10608	FLIGHT/SECTION LEADER	
10609	OTHER	
10610	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
10611	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10612	EVALUATOR	NEW CODE ADDED MARCH 95.
107	COTAC	
10701	MISSION COMMANDER	
10702	AIRCRAFT COMMANDER	
10703	INSTRUCTOR	
10704	PILOT IN COMMAND	
10705	UNDER INSTRUCTION	
10706	FLIGHT SURGEON	
10707	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10708	FLIGHT/SECTION LEADER	
10709	OTHER	
10710	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
10711	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10712	EVALUATOR	NEW CODE ADDED MARCH 95.
108	SENSO	
10801	MISSION COMMANDER	
10802	AIRCRAFT COMMANDER	
10803	INSTRUCTOR	
10804	PILOT IN COMMAND	
10805	UNDER INSTRUCTION	
10806	FLIGHT SURGEON	
10807	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10808	FLIGHT/SECTION LEADER	
10809	OTHER	
10810	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
10811	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10812	EVALUATOR	NEW CODE ADDED MARCH 95.
109	TACCO	
10901	MISSION COMMANDER	
10902	AIRCRAFT COMMANDER	
10903	INSTRUCTOR	
10904	PILOT IN COMMAND	
10905	UNDER INSTRUCTION	
10906	FLIGHT SURGEON	
10907	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
10908	FLIGHT/SECTION LEADER	
10909	OTHER	
10910	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
10911	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
10912	EVALUATOR	NEW CODE ADDED MARCH 95.
110	NAVIGATOR	
11001	MISSION COMMANDER	
11002	AIRCRAFT COMMANDER	
11003	INSTRUCTOR	
11004	PILOT IN COMMAND	
11005	UNDER INSTRUCTION	
11006	FLIGHT SURGEON	
11007	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11008	FLIGHT/SECTION LEADER	
11009	OTHER	
11010	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
11011	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11012	EVALUATOR	NEW CODE ADDED MARCH 95.
111	FLIGHT ENGINEER	
11101	MISSION COMMANDER	
11102	AIRCRAFT COMMANDER	

11103	INSTRUCTOR	
11104	PILOT IN COMMAND	
11105	UNDER INSTRUCTION	
11106	FLIGHT SURGEON	
11107	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11108	FLIGHT/SECTION LEADER	
11109	OTHER	
11110	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
11111	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11112	EVALUATOR	NEW CODE ADDED MARCH 95.
112	CREW CHIEF	
11201	MISSION COMMANDER	
11202	AIRCRAFT COMMANDER	
11203	INSTRUCTOR	
11204	PILOT IN COMMAND	
11205	UNDER INSTRUCTION	
11206	FLIGHT SURGEON	
11207	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11208	FLIGHT/SECTION LEADER	
11209	OTHER	
11210	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
11211	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11212	EVALUATOR	NEW CODE ADDED MARCH 95.
11213	DOOR GUNNER	ADDED 4/19/04
113	CREWMAN	
11301	MISSION COMMANDER	
11302	AIRCRAFT COMMANDER	
11303	INSTRUCTOR	
11304	PILOT IN COMMAND	
11305	UNDER INSTRUCTION	
11306	FLIGHT SURGEON	
11307	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11308	FLIGHT/SECTION LEADER	
11309	OTHER	
11310	NO FURTHER BREAKDOWN.	ADDED FEB 1995.
11311	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11312	EVALUATOR	NEW CODE ADDED MARCH 95.
11313	DOOR GUNNER	ADDED 4/19/04
114	PASSENGER	
11401	MISSION COMMANDER	
11402	AIRCRAFT COMMANDER	
11403	INSTRUCTOR	
11404	PILOT IN COMMAND	
11405	UNDER INSTRUCTION	
11406	FLIGHT SURGEON	
11407	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11408	FLIGHT/SECTION LEADER	
11409	OTHER	
11410	NO FURTHER BREAKDOWN.	ADDED FEB 1995
11411	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11412	EVALUATOR	NEW CODE ADDED MARCH 95.
115	SAR SWIMMER	
11501	MISSION COMMANDER	
11502	AIRCRAFT COMMANDER	
11503	INSTRUCTOR	
11504	PILOT IN COMMAND	
11505	UNDER INSTRUCTION	
11506	FLIGHT SURGEON	
11507	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11508	FLIGHT/SECTION LEADER	
11509	OTHER	
11510	NO FURTHER BREAKDOWN.	ADDED FEB 1995
11511	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11512	EVALUATOR	NEW CODE ADDED MARCH 95.
116	AIRBORNE RECON OFFICER	
11601	MISSION COMMANDER	
11602	AIRCRAFT COMMANDER	
11603	INSTRUCTOR	
11604	PILOT IN COMMAND	
11605	UNDER INSTRUCTION	
11606	FLIGHT SURGEON	

11607	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11608	FLIGHT/SECTION LEADER	
11609	OTHER	
11610	NO FURTHER BREAKDOWN	ADDED FEB 1995
11611	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11612	EVALUATOR	NEW CODE ADDED MARCH 95.
117	ECMO1/2/3	
11701	MISSION COMMANDER	
11702	AIRCRAFT COMMANDER	
11703	INSTRUCTOR	
11704	PILOT IN COMMAND	
11705	UNDER INSTRUCTION	
11706	FLIGHT SURGEON	
11707	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11708	FLIGHT/SECTION LEADER	
11709	OTHER	
11710	NO FURTHER BREAKDOWN	ADDED FEB 1995
11711	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11712	EVALUATOR	NEW CODE ADDED MARCH 95.
118	AERIAL OBSERVER	
11801	MISSION COMMANDER	
11802	AIRCRAFT COMMANDER	
11803	INSTRUCTOR	
11804	PILOT IN COMMAND	
11805	UNDER INSTRUCTION	
11806	FLIGHT SURGEON	
11807	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11808	FLIGHT/SECTION LEADER	
11809	OTHER	
11810	NO FURTHER BREAKDOWN	ADDED FEB 1995
11811	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11812	EVALUATOR	NEW CODE ADDED MARCH 95.
119	ACO	
11901	MISSION COMMANDER	
11902	AIRCRAFT COMMANDER	
11903	INSTRUCTOR	
11904	PILOT IN COMMAND	
11905	UNDER INSTRUCTION	
11906	FLIGHT SURGEON	
11907	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
11908	FLIGHT/SECTION LEADER	
11909	OTHER	
11910	NO FURTHER BREAKDOWN	ADDED FEB 1995
11911	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
11912	EVALUATOR	NEW CODE ADDED MARCH 95.
120	CICO	
12001	MISSION COMMANDER	
12002	AIRCRAFT COMMANDER	
12003	INSTRUCTOR	
12004	PILOT IN COMMAND	
12005	UNDER INSTRUCTION	
12006	FLIGHT SURGEON	
12007	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
12008	FLIGHT/SECTION LEADER	
12009	OTHER	
12010	NO FURTHER BREAKDOWN	ADDED FEB 1995
12011	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
12012	EVALUATOR	NEW CODE ADDED MARCH 95.
121	FLIGHT TECH	
12101	MISSION COMMANDER	
12102	AIRCRAFT COMMANDER	
12103	INSTRUCTOR	
12104	PILOT IN COMMAND	
12105	UNDER INSTRUCTION	
12106	FLIGHT SURGEON	
12107	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
12108	FLIGHT/SECTION LEADER	
12109	OTHER	
12110	NO FURTHER BREAKDOWN	ADDED FEB 1995
12111	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
12112	EVALUATOR	NEW CODE ADDED MARCH 95.

122	OTHER	
12201	MISSION COMMANDER	
12202	AIRCRAFT COMMANDER	
12203	INSTRUCTOR	
12204	PILOT IN COMMAND	
12205	UNDER INSTRUCTION	
12206	FLIGHT SURGEON	
12207	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
12208	FLIGHT/SECTION LEADER	
12209	OTHER	
12210	NO FURTHER BREAKDOWN	ADDED FEB 1995
12211	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
12212	EVALUATOR	NEW CODE ADDED MARCH 95.
126	RO (RADAR OPERATOR)	CODE ADDED 06/08/1994.
12601	MISSION COMMANDER	
12602	AIRCRAFT COMMANDER	
12603	INSTRUCTOR	
12604	PILOT IN COMMAND	
12605	UNDER INSTRUCTION	
12606	FLIGHT SURGEON	
12607	QUALIFIED IN MODEL	WORDING CHANGED MARCH 95.
12608	FLIGHT/SECTION LEADER	
12609	OTHER	
12610	NO FURTHER BREAKDOWN	ADDED FEB 1995
12611	UNDER EVALUATION	NEW CODE ADDED MARCH 95.
12612	EVALUATOR	NEW CODE ADDED MARCH 95.
127	WSO	
12701	MISSION COMMANDER	ADDED FEB 1995
12702	AIRCRAFT COMMANDER	ADDED FEB 1995
12703	INSTRUCTOR	ADDED FEB 1995
12704	PILOT IN COMMAND	ADDED FEB 1995
12705	UNDER INSTRUCTION	ADDED FEB 1995
12706	FLIGHT SURGEON	ADDED FEB 1995
12707	QUALIFIED IN MODEL	ADDED FEB 1995
12708	FLIGHT/SECTION LEADER	ADDED FEB 1995
12709	OTHER	ADDED FEB 1995
12710	NO FURTHER BREAKDOWN	ADDED FEB 1995
2	SUPERVISORY	
201	SQUADRON/STATION	STATE 'SQUADRON (NAS)' IF THE NAS CO IS THE AIRCRAFT REPORTING CUSTODIAN, SUCH AS OCCURS FOR CERTAIN SAR AND TRANSPORT ASSETS.
20101	COMMANDING OFFICER/OFFICER IN CHARGE	OFFICER IN CHARGE REFERS TO RESERVE SQUADRONS AND ANY OTHER UNIQUE SQUADRONS WHICH HAVE SUCH A POSITION IN ADDITION TO OR IN LIEU OF A CO. THIS IS NOT A DETACHMENT OINC POSITION.
20102	OPERATIONS OFFICER	
20103	SCHEDULES OFFICER	
20104	TRAINING OFFICER	
20105	FLIGHT LEADER; SEC/DIV/STK/ETC	
20106	CHASE PILOT	
20108	MISSION COMMANDER	
20109	AIRCREW OF OTHER AIRCRAFT	
20110	DETACHMENT OFFICER IN CHARGE	INCLUDES DETACHMENT OIC'S.
20111	FLIGHT SURGEON	
20112	OTHER	
202	HIGHER ECHELON COMMAND	
20201	CNO/CMC	
20202	TRAINING COMMAND	
20203	FLEET COMMANDER	
20204	TYCOM	
20205	ADMIN WING COMMANDER	
20206	WING	
20207	SHIP	
20208	GROUP	
20209	FRS	
20210	NATOPS MODEL MGR	
20211	OTHER	
203	MATERIAL COMMAND	
20301	CNO	
20302	SYSTEMS COMMAND; NAVAL AIR/SEA SYSTEMS COMMAND	

20303	OTHER	ADDED 4/21/04
204	OTHER	
20401	OTHER	
3	FACILITIES PERSONNEL	
301	LSO/LSE	
30101	CV/CVN, CONTROLLING	CHANGED FROM "CV FLIGHT DECK" TO "CV/CVN, CONTROLLING) ON 20 MAY 1999.
30102	CV/CVN, BACKUP	CHANGED FROM "CV HANGAR DECK" TO "CV/CVN, BACKUP" ON 20 MAY 1999.
30103	LHA/LPH, CONTROLLING	CHANGED FROM "LHA/LPH FLIGHT DECK" TO "LHA/LPH, CONTROLLING" ON 20 MAY 1999
30105	CG/DD/FF	
30106	AO/AOR/AE	
30107	SHORE	
30108	OTHER	
30109	CV/CVN, CAG LSO	ADDED 20 MAY 1999. ADDRESSES CAUSE FACTORS CITING THE SENIOR CVW LSO.
30110	LSO TEAM LEADER	ADDED 05 APR 2000.
302	TOWER/PRI FLY PERSONNEL	
30201	CV/CVN AIR OFFICER	CHANGED FROM "CV FLIGHT DECK" TO "CV/CVN AIR OFFICER" ON 20 MAY 1999. ADDRESSES CAUSE FACTORS CITING THE "AIR BOSS".
30202	CV/CVN ASST AIR OFFICER	CHANGED FROM "CV HANGAR DECK" TO "CV/CVN AIR ASST OFFICER" ON 20 MAY 1999. ADDRESSES CAUSE FACTORS CITING THE "MINI BOSS".
30203	LHA/LPH AIR OFFICER	CHANGED FROM "LHA/LPH FLIGHT DECK" TO "LHA/LPH AIR OFFICER" ON 20 MAY 1999. ADDRESSES CAUSE FACTORS CITING THE "AIR BOSS".
30204	LHA/LPH ASST AIR OFFICER	CHANGED FROM "LHA/LPH HANGAR DECK" TO "LHA/LPH ASST AIR OFFICER" ON 20 MAY 1999. ADDRESSES CAUSE FACTORS CITING THE "MINI BOSS".
30205	CG/DD/FF	
30206	AO/AOR/AE	
30207	SHORE	
30208	OTHER	
303	WEATHER/METRO PERSONNEL	
30301	CV/CVN	CHANGED FROM "CV/CVN FLIGHT DECK" TO "CV/CVN" ON 20 MAY 1999.
30303	LHA/LPH	CHANGED FROM "LHA/LPH FLIGHT DECK" TO "LHA/LPH" ON 20 MAY 1999.
30305	CG/DD/FF	
30306	AO/AOR/AE	
30307	SHORE	
30308	OTHER	
304	AIR TRAFFIC CONTROL PERSONNEL	
30401	CV/CVN	NEW AS OF 11 JUNE 2002
30403	LHA/LPH	
30405	CG/DD/FF	
30406	AO/AOR/AE	
30407	SHORE	
30408	OTHER	
305	FLIGHT LINE SUPPORT PERSONNEL	
30501	CV FLIGHT DECK	
30502	CV HANGAR DECK	
30503	LHA/LPH FLIGHT DECK	
30504	LHA/LPH HANGAR DECK	
30505	CG/DD/FF	
30506	AO/AOR/AE	
30507	SHORE	
30508	OTHER	
30509	SUPPORT EQUIPMENT OPERATOR	ADDED 29 OCT 1999.
30510	BRAKE RIDER	ADDED 29 OCT 1999
306	AIRCRAFT HANDLER/FLIGHT LINE CREWMAN	
30601	CV FLIGHT DECK	
30602	CV HANGAR DECK	
30603	LHA/LPH FLIGHT DECK	
30604	LHA/LPH HANGAR DECK	
30605	CG/DD/FF	
30606	AO/AOR/AE	
30607	SHORE	
30608	OTHER	
307	AIRCRAFT DIRECTOR, TAXI/TOW	

30701	CV FLIGHT DECK	
30702	CV HANGAR DECK	
30703	LHA/LPH FLIGHT DECK	
30704	LHA/LPH HANGAR DECK	
30705	CG/DD/FF	
30706	AO/AOR/AE	
30707	SHORE	
30708	OTHER	
308	FLIGHT DECK/HANGAR DECK OFFICER/CREW	
30801	CV FLIGHT DECK	
30810	V1 DIVISION OFFICER	FLIGHT DECK DIVISION OFFICER. ADDED 13 MAR 2000.
30811	V3 DIVISION OFFICER	HANGAR DECK DIVISION OFFICER. ADDED 13 MAR 2000.
30812	V4 DIVISION OFFICER	FUELS DIVISION OFFICER. ADDED 13 MAR 2000.
30802	CV HANGAR DECK	
30803	LHA/LPH/LHD FLIGHT DECK	ADDED LHD TO VALUE ON 18 NOV 1998
30804	LHA/LPH/LHD HANGAR DECK	ADDED LHD TO VALUE ON 18 NOV 1998
30805	CG/DD/FF	
30806	AO/AOR/AE	
30807	SHORE	
30808	OTHER	
30809	LST/LPD/LSD/OTHER AMPHIB	ADDED 18 NOV 1998
309	CATAPULT/ARRESTING GEAR/LAUNCH OFFICER/CREW	
30909	V2 DIVISION OFFICER	CATAPULT/ARRESTING GEAR DIVISION OFFICER. ADDED 13 MAR 2000.
30910	CATAPULT OFFICER	ADDED 13 MAR 2000. OFFICER IN CHARGE OF CATAPULT CREW DURING LAUNCH OPERATIONS.
30911	TOPSIDE PETTY OFFICER	ADDED 13 MAR 2000. WORKS DIRECTLY ON SHUTTLE/HOLDBACK ASSEMBLY DURING CATAPULT LAUNCH OPERATIONS.
30912	JBD OPERATOR	ADDED 13 MAR 2000. RAISES/LOWERS JET BLAST DEFLECTOR (JBD) AS APPROPRIATE.
30913	DECK EDGE OPERATOR	ADDED 13 MAR 2000. PUSHES BUTTONS PLACING ACFT INTO TENSION AND INITIATING CATAPULT STROKE.
30914	CONSOLE OPERATOR	ADDED 13 MAR 2000. RECEIVES AIRCRAFT TYPE, WEIGHT, AND WINDS INFORMATION AND VERIFIES AND ACCEPTS CSV SETTINGS.
30915	CENTER DECK OPERATOR	ADDED 13 MAR 2000. OBSERVES WEIGHT BOARD AND WIND; DIALS IN CSV.
30903	LHA/LPH FLIGHT DECK	
30905	CG/DD/FF	
30906	AO/AOR/AE	
30907	SHORE	
30908	OTHER	
310	CRASH FIREFIGHTING AND RESCUE PERSONNEL	
31001	CV FLIGHT DECK	
31002	CV HANGAR DECK	
31003	LHA/LPH FLIGHT DECK	
31004	LHA/LPH HANGAR DECK	
31005	CG/DD/FF	
31006	AO/AOR/AE	
31007	SHORE	
31008	OTHER	
311	OTHER	
31101	CV FLIGHT DECK	
31102	CV HANGAR DECK	
31103	LHA/LPH FLIGHT DECK	
31104	LHA/LPH HANGAR DECK	
31105	CG/DD/FF	
31106	AO/AOR/AE	
31107	SHORE	
31108	OTHER	
312	TERMINAL SUPPORT PERS (I.E., CARGO WEIGHING & MANIFEST PERS)	ADDED 21 NOV 95.
31201	CV FLIGHT DECK	ADDED 21 NOV 95.
31202	CV HANGAR DECK	ADDED 21 NOV 95.
31203	LHA/LPH FLIGHT DECK	ADDED 21 NOV 95.
31204	LHA/LPH HANGAR DECK	ADDED 21 NOV 95.
31205	CG/DD/FF	ADDED 21 NOV 95.
31206	AO/AOR/AE	ADDED 21 NOV 95.
31207	SHORE	ADDED 21 NOV 95.
31208	OTHER	ADDED 21 NOV 95.
313	TARGET/WEAPONS RANGE FACILITY	NEW CODE ADDED 31 OCT 2000

31301 RANGE CONTROL OFFICER
31399 OTHER
4 MAINTENANCE
401 ORGANIZATIONAL
40101 COMMANDING OFFICER
40102 MAINTENANCE OFFICER
40103 ASSISTANT MAINTENANCE OFFICER
40104 MAINTENANCE ADMINISTRATION
40105 MAINTENANCE MATERIAL CONTROL/PRODUCTION
CONTROL OFFICER
40106 MAINTENANCE/PRODUCTION CONTROL CPO/NCOIC
40107 QUALITY ASSURANCE OFFICER
40108 QUALITY ASSURANCE REPRESENTATIVE
40109 TECHNICAL PUBLICATIONS LIBRARIAN
40110 COLLATERAL DUTY INSPECTOR
40111 PRODUCTION DIVISION/BRANCH OFFICER
40112 PRODUCTION DIVISION/BRANCH CPO
40113 WORK CENTER SUPERVISOR
40114 OTHER STAFF PERSONNEL
40115 ALSS, PARALOFT
40116 ALSS, SEATS AND ENVIRONMENT SYSTEMS
40117 AVIONICS, GENERAL
40118 AVIONICS, IWST
40119 AVIONICS, CALIBRATION
40120 AVIONICS, COMPONENT REPAIR
40121 ELECTRIC
40122 ORDNANCE
40123 POWERPLANTS, ENGINES
40124 POWERPLANTS, ROTORS AND RELATED SYSTEMS
40125 POWERPLANTS, PROPELLERS
40126 PHASE/SCHEDULED MAINTENANCE
40127 AIRFRAMES, STRUCTURES
40128 AIRFRAMES, HYDRAULIC
40129 AIRFRAMES, CORROSION
40130 AIRFRAMES, TIRE/WHEEL
40131 AIRFRAMES, NDI
40132 FLIGHT LINE/TROUBLE-SHOOTERS/FINAL CHECKERS
40133 SUPPORT EQUIPMENT / GSE
40134 PLANE CAPTAIN
40135 OTHER
40136 UNKNOWN
402 INTERMEDIATE
40201 COMMANDING OFFICER
40202 MAINTENANCE OFFICER
40203 ASSISTANT MAINTENANCE OFFICER
40204 MAINTENANCE ADMINISTRATION
40205 MAINTENANCE MATERIAL CONTROL/PRODUCTION
CONTROL OFFICER
40206 MAINTENANCE/PRODUCTION CONTROL CPO/NCOIC
40207 QUALITY ASSURANCE OFFICER
40208 QUALITY ASSURANCE REPRESENTATIVE
40209 TECHNICAL PUBLICATIONS LIBRARIAN
40210 COLLATERAL DUTY INSPECTOR
40211 PRODUCTION DIVISION/BRANCH OFFICER
40212 PRODUCTION DIVISION/BRANCH CPO
40213 WORK CENTER SUPERVISOR
40214 OTHER STAFF PERSONNEL
40215 ALSS, PARALOFT
40216 ALSS, SEATS AND ENVIRONMENT SYSTEMS
40217 AVIONICS, GENERAL
40218 AVIONICS, IWST
40219 AVIONICS, CALIBRATION
40220 AVIONICS, COMPONENT REPAIR
40221 ELECTRIC
40222 ORDNANCE
40223 POWERPLANTS, ENGINES
40224 POWERPLANTS, ROTORS AND RELATED SYSTEMS
40225 POWERPLANTS, PROPELLERS
40226 PHAS/SCHEDULED MAINTENANCE
40227 AIRFRAMES, STRUCTURES
40228 AIRFRAMES, HYDRAULIC

NEW AS OF 31 OCT 2000
NEW AS OF 31 OCT 2000

CHANGED TEXT FROM "SUPPORT EQUIPMENT OPERATOR" ON 1/15/04.

40229 AIRFRAMES, CORROSION
40230 AIRFRAMES, TIRE/WHEEL
40231 AIRFRAMES, NDI
40232 FLIGHT LINE/TROUBLE-SHOOTERS/FINAL CHECKERS
40233 SUPPORT EQUIPMENT / GSE CHANGED TEXT FROM "SUPPORT EQUIPMENT OPERATOR" ON 1/15/04.
40234 PLANE CAPTAIN
40235 OTHER
40236 UNKNOWN
403 **DEPOT**
40301 COMMANDING OFFICER
40302 MAINTENANCE OFFICER
40303 ASSISTANT MAINTENANCE OFFICER
40304 MAINTENANCE ADMINISTRATION
40305 MAINTENANCE MATERIAL CONTROL/PRODUCTION CONTROL OFFICER
40306 MAINTENANCE/PRODUCTION CONTROL CPO/NCOIC
40307 QUALITY ASSURANCE OFFICER
40308 QUALITY ASSURANCE REPRESENTATIVE
40309 TECHNICAL PUBLICATIONS LIBRARIAN
40310 COLLATERAL DUTY INSPECTOR
40311 PRODUCTION DIVISION/BRANCH OFFICER
40312 PRODUCTION DIVISION/BRANCH CPO
40313 WORK CENTER SUPERVISOR
40314 OTHER STAFF PERSONNEL
40315 ALSS, PARALOFT
40316 ALSS, SEATS AND ENVIRONMENT SYSTEMS
40317 AVIONICS, GENERAL
40318 AVIONICS, IWST
40319 AVIONICS, CALIBRATION
40320 AVIONICS, COMPONENT REPAIR
40321 ELECTRIC
40322 ORDNANCE
40323 POWERPLANTS, ENGINES
40324 POWERPLANTS, ROTORS AND RELATED SYSTEMS
40325 POWERPLANTS, PROPELLERS
40326 PHAS/SCHEDULED MAINTENANCE
40327 AIRFRAMES, STRUCTURES
40328 AIRFRAMES, HYDRAULIC
40329 AIRFRAMES, CORROSION
40330 AIRFRAMES, TIRE/WHEEL
40331 AIRFRAMES, NDI
40332 FLIGHT LINE/TROUBLE-SHOOTERS/FINAL CHECKERS
40333 SUPPORT EQUIPMENT / GSE CHANGED TEXT FROM "SUPPORT EQUIPMENT OPERATOR" ON 1/15/04.
40334 PLANE CAPTAIN
40335 OTHER
40336 UNKNOWN
404 **CONTRACTOR**
40401 COMMANDING OFFICER
40402 MAINTENANCE OFFICER
40403 ASSISTANT MAINTENANCE OFFICER
40404 MAINTENANCE ADMINISTRATION
40405 MAINTENANCE MATERIAL CONTROL/PRODUCTION CONTROL OFFICER
40406 MAINTENANCE/PRODUCTION CONTROL CPO/NCOIC
40407 QUALITY ASSURANCE OFFICER
40408 QUALITY ASSURANCE REPRESENTATIVE
40409 TECHNICAL PUBLICATIONS LIBRARIAN
40410 COLLATERAL DUTY INSPECTOR
40411 PRODUCTION DIVISION/BRANCH OFFICER
40412 PRODUCTION DIVISION/BRANCH CPO
40413 WORK CENTER SUPERVISOR
40414 OTHER STAFF PERSONNEL
40415 ALSS, PARALOFT
40416 ALSS, SEATS AND ENVIRONMENT SYSTEMS
40417 AVIONICS, GENERAL
40418 AVIONICS, IWST
40419 AVIONICS, CALIBRATION
40420 AVIONICS, COMPONENT REPAIR
40421 ELECTRIC
40422 ORDNANCE
40423 POWERPLANTS, ENGINES

40424 POWERPLANTS, ROTORS AND RELATED SYSTEMS
40425 POWERPLANTS, PROPELLERS
40426 PHAS/SCHEDULED MAINTENANCE
40427 AIRFRAMES, STRUCTURES
40428 AIRFRAMES, HYDRAULIC
40429 AIRFRAMES, CORROSION
40430 AIRFRAMES, TIRE/WHEEL
40431 AIRFRAMES, NDI
40432 FLIGHT LINE/TROUBLE-SHOOTERS/FINAL CHECKERS
40433 SUPPORT EQUIPMENT / GSE
40434 PLANE CAPTAIN
40435 OTHER
40436 UNKNOWN
405 **OTHER PERSONNEL**
40501 COMMANDING OFFICER
40502 MAINTENANCE OFFICER
40503 ASSISTANT MAINTENANCE OFFICER
40504 MAINTENANCE ADMINISTRATION
40505 MAINTENANCE MATERIAL CONTROL/PRODUCTION
CONTROL OFFICER
40506 MAINTENANCE/PRODUCTION CONTROL CPO/NCOIC
40507 QUALITY ASSURANCE OFFICER
40508 QUALITY ASSURANCE REPRESENTATIVE
40509 TECHNICAL PUBLICATIONS LIBRARIAN
40510 COLLATERAL DUTY INSPECTOR
40511 PRODUCTION DIVISION/BRANCH OFFICER
40512 PRODUCTION DIVISION/BRANCH CPO
40513 WORK CENTER SUPERVISOR
40514 OTHER STAFF PERSONNEL
40515 ALSS, PARALOFT
40516 ALSS, SEATS AND ENVIRONMENT SYSTEMS
40517 AVIONICS, GENERAL
40518 AVIONICS, IWST
40519 AVIONICS, CALIBRATION
40520 AVIONICS, COMPONENT REPAIR
40521 ELECTRIC
40522 ORDNANCE
40523 POWERPLANTS, ENGINES
40524 POWERPLANTS, ROTORS AND RELATED SYSTEMS
40525 POWERPLANTS, PROPELLERS
40526 PHAS/SCHEDULED MAINTENANCE
40527 AIRFRAMES, STRUCTURES
40528 AIRFRAMES, HYDRAULIC
40529 AIRFRAMES, CORROSION
40530 AIRFRAMES, TIRE/WHEEL
40531 AIRFRAMES, NDI
40532 FLIGHT LINE/TROUBLE-SHOOTERS/FINAL CHECKERS
40533 SUPPORT EQUIPMENT / GSE
40534 PLANE CAPTAIN
40535 OTHER
40536 UNKNOWN

CHANGED TEXT FROM "SUPPORT EQUIPMENT OPERATOR" ON 1/15/04.

CHANGED TEXT FROM "SUPPORT EQUIPMENT OPERATOR" ON 1/15/04.

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<u>NSC code</u>	<u>What Values</u>	<u>Help/History Notes</u>
1	AIRCREW	
101	INADEQUATE FLIGHT PREPARATION/AIRCRAFT PREFLIGHT	FAILURE TO PERFORM ADEQUATE PREFLIGHT OF AIRCRAFT, WEATHER, MAPS, FUEL, MANEVERS, ETC.
10101	FLIGHT CONTROLS AND AIRFRAMES	
10102	ENGINE - INCLUDES VISUAL PREFLIGHT AS WELL AS ENGINE RUN UP	
10103	RADIO AND ELECTRONIC EQUIPMENT	
10104	POOR NAVIGATION PLANNING	DOES NOT INCLUDE ORIENTATION AND PLANNING WHEN LOST. INCLUDES PLOTTING COURSE, INSTRUMENT CLEARANCE, REVIEWING CHARTS AND NOTAMS, RADIO FACILITIES, ETC
10105	NO/INADEQUATE AIRCREW MISSION BRIEF	
10106	ATTEMPTED TAKEOFF WITHOUT REMOVAL OF TIEDOWNS	
10107	OVERLOADING	
10108	WEIGHT AND BALANCE	
10109	ACCEPTED AIRCRAFT WITH KNOWN DISCREPANCIES	
10110	ACCEPTED RUNWAY TOO SHORT FOR TYPE AIRCRAFT/AIRCRAFT CONFIGURATION	
10111	FAILED TO COMPUTE/INCORRECTLY COMPUTED TAKEOFF/LANDING REQUIREMENTS	
10112	INCOMPLETE PREFLIGHT DUE TO HASTE/PREOCCUPATION	
10113	IMPROPER STORAGE OF LOOSE GEAR	
10114	INADEQUATE BRIEFING OF PASSENGERS	
10115	DID NOT CARRY ADEQUATE MAPS, CHARTS, PUBLICATIONS	
10116	IMPROPER/INADEQUATE FUEL PLANNING	
10117	ACCEPTED AIRCRAFT UNSAFE FOR FLIGHT	
10118	OTHER	
10119	INADEQUATE MISSION PLANNING	ADDED 07 JAN 1999
10120	FAILED TO OBTAIN WEATHER BRIEF	ADDED 25 JUN 1999.
10121	ACCEPTED UNAUTHORIZED PASSENGERS	NEW AS OF 11 AUGUST 2003
102	MISUSED FLIGHT CONTROLS ON THE GROUND	
10201	FAILED TO TAKE SPECIFIC NECESSARY ACTION	
10202	DELAYED APPROPRIATE ACTION	
10203	PERFORMED WRONG ACTION	
10204	PERFORMED ACTION IMPROPERLY	
10205	INADVERTENT OPERATION OF AIRCRAFT CONTROL	
10206	POOR AIRCRAFT CONTROL COORDINATION	
10207	MISJUDGED SPEED/TAXIED TOO FAST FOR CONDITIONS	
10208	MISUSE OF NOSEWHEEL STEERING	
10209	MISUSE OF COLLECTIVE AND/OR CYCLIC	
10210	MISUSE OF RUDDERS/TAIL ROTOR/TAIL WHEEL	
10211	MISUSE OF NOZZLES	
10212	INCORRECT STO STOP SETTING	
10213	MISUSE OF BRAKES	
10214	OTHER	
103	TAKEOFF	
10301	IMPROPER TRIM SETTING	
10302	FAILED TO MAKE PROPER CROSSWIND CORRECTIONS	
10303	DELAYED PROPER CROSSWIND CORRECTIONS	
10304	FAILED TO SELECT PROPER RUNWAY FOR EXISTING WIND CONDITIONS	
10305	FAILED TO CONFIGURE AIRCRAFT CORRECTLY FOR WIND AND RUNWAY USED	
10306	IMPROPER TRANSITION TO FORWARD FLIGHT	
10307	WIND OUT OF ENGAGEMENT ENVELOPE	
10308	IMPROPER AIRCRAFT CONFIGURATION	
10309	IMPROPER STO STOP SETTING	
10310	OVERROTATED	
10311	AIRCRAFT WEIGHT/CG OUT OF LIMITS	
10312	IMPROPER USE OF NOZZLES	
10313	IMPROPER CALCULATION OF AIRCRAFT WEIGHT/CG	
10314	ENTERED GROUND RESONANCE	
10315	OTHER	
10316	IMPROPER CLEARING TURN	CLEARING OFF CATAPULT PREMATURE. OVERLY-AGGRESSIVE, ETC.
10317	DYNAMIC ROLLOVER	ADDED 4/19/04

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104	FAILED TO SEE AIRCRAFT/OBJECT IN TIME TO AVOID COLLISION	MISHAPS IN WHICH PILOT DID NOT SEE AIRCRAFT OR OBJECT UNTIL IT WAS TOO LATE TO AVOID COLLISION. ALSO, WHEN A PILOT IS AWARE OF OTHER AIRCRAFT, BUT MOMENTARILY LOSES SIGHT OF IT. INCLUDES BOTH AIR AND GROUND OPERATIONS. EXCLUDES CASES WHERE IMPOSSIBLE T
10401	DID NOT CLEAR PRIOR TO TURN/MANEUVER	INCLUDES AIR, GROUND, SOLO AND FORMATION OPS
10402	LOST SIGHT OF AIRCRAFT WHILE IN FORMATION DUE TO MANEUVER/POSITION	
10403	MISINTERPRETED SIGNAL RECEIVED FROM PLANE OR TAXI DIRECTOR	
10404	IMPACT WITH ANOTHER AIRCRAFT	
10405	WIRE STRIKE	
10406	IMPACT WITH TOWER/OTHER GROUND STRUCTURES	
10407	TAXIED INTO CONGESTED AREA WITHOUT ADEQUATE GROUND SIGNALMEN	
10408	ATTEMPTED MANEUVER WITHOUT ADEQUATE ASSISTANCE	
10409	RELIED TOO MUCH ON TAXI DIRECTOR	
10410	FAILED TO UTILIZE AVAILABLE EXTERNAL LIGHTING	
10411	FAILED TO CLEAR AREAS PRIOR TO POWER CHECK	
10412	FAILED TO FOLLOW TAXI DIRECTOR SIGNAL(S)	
10413	LOST SIGHT OF OTHER AIRCRAFT DURING LANDING ROLLOUT	
10414	OTHER	
105	MISJUDGE DISTANCE/ALTITUDE/POSITION;RESULT IMPACT AIRCRAFT/OBJECT	
10501	MISJUDGED CLOSURE RATE/RATE OF DESCENT	TEXT "RATE OF DESCENT" ADDED 15 MAY 2000.
10502	MISJUDGED ALTITUDE ABOVE GROUND DURING MANEUVER	
10503	MISJUDGED DISTANCE BETWEEN AIRCRAFT IN LANDING PATTERN TO TOUCHDOWN	
10504	MISJUDGED DISTANCE BETWEEN AIRCRAFT IN GROUND OPERATIONS	INCLUDES LANDING ROLLOUT
10505	MISJUDGED DISTANCE BETWEEN AIRCRAFT/OBJECT IN-FLIGHT	
10506	COLLISION WITH AIRCRAFT DUE TO MISJUDGED DISTANCE IN FORMATION	
10507	MISJUDGED ALTITUDE ABOVE GROUND/WATER ON TARGET RUN/LOW LEVEL	
10508	COLLISION WITH TOW TARGET/TOW LINE	
10509	LINE UP WITH CENTERLINE OF RUNWAY/DECK	
10510	MISJUDGED LANDING ZONE CLEARANCE	
10511	NON-RECOGNITION WING TIP VORTICES;"HEAVY" ACFT SAME LANDING PATTERN	
10512	FAILED TO MAINTAIN ADEQUATE DISTANCE FROM "HEAVY" AIRCRAFT	
10513	MISJUDGED AVAILABLE LANDING ROLLOUT DISTANCE	
10514	AVOIDABLE BIRDSTRIKE	
10515	OTHER	
10516	MISJUDGED DISTANCE ON TARGET RUN/LOW LEVEL	ADDED 20 MAR 2000. E. G. PILOT ROLLS IN ON TARGET AT 1.5 MILES VICE PREPLANNED 2.5 MILES. (SEE ALSO: MISJUDGED CLOSURE RATE, MISJUDGED ALTITUDE ABOVE GROUND/WATER ON TGT RUN/LOW LEVEL)
10517	MISJUDGED TACTICAL APPROACH TO VESSEL	ADDED 4/19/04
106	RETRACTED LANDING GEAR	
10601	INADVERTENT RETRACTION OF LANDING GEAR	
10602	IMPROPER PREFLIGHT INSPN;FAILED TO CHECK LANDG GEAR LEVER POSITION	
10603	EXCEED OPERATIONAL/STRUCTURAL LIMITS OF LANDING GEAR FOR RETRACTION	
10604	FAILED TO USE/INCOMPLETE USE OF CHECKLIST	
10605	RETRACTED LANDING GEAR PREMATURELY AND SETTLED ONTO RUNWAY	
10606	OTHER	
107	IMPROPER USE OF FLIGHT CONTROLS IN THE AIR; NOT TAKEOFF/LANDING	NOT INCLUDING TAKEOFF AND LANDING PHASE
10701	FAILED TO TAKE SPECIFIC NECESSARY ACTION	
10702	DELAYED APPROPRIATE ACTION	
10703	PERFORMED WRONG ACTION	

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- 10704 PERFORMED ACTION IMPROPERLY; I.E. OVERROTATED
- 10705 INADVERTENT ACTION
- 10706 MISUSED TRIM CONTROLS; INCLUDING CYCLIC
- 10707 MISUSE OF COLLECTIVE/CYCLIC
- 10708 MISUSE OF RUDDER/TAIL ROTOR OVER CONTROL
- 10709 IMPROPER SPIN RECOVERY
- 10710 IMPROPER POST STALL GYRATION RECOVERY
- 10711 IMPROPER AUTO ROTATION; TOO FAST/SLOW, EXCESS SINK RATE
- 10712 IMPROPER THROTTLE/COLLECTIVE COORDINATION
- 10713 MISUSE OF NOZZLES
- 10714 FAILURE TO CLEAR STO STOP
- 10715 OTHER
- 108 **MISUSED ENGINE CONTROLS**
- 10801 FAILED TO TAKE SPECIFIC NECESSARY ACTION
- 10802 DELAYED APPROPRIATE ACTION
- 10803 PERFORMED WRONG ACTION
- 10804 PERFORMED ACTION IMPROPERLY
- 10805 INADVERTENT OPERATION OF ENGINE CONTROL;ACCIDENTAL/UNINTENTIONAL
- 10806 OPERATED ENGINE IN VIOLATION OF EXISTING DIRECTIVE
- 10807 IMPROPER POWER MANAGEMENT
- 10808 MISUSED EMERGENCY/MANUAL FUEL CONTROL
- 10809 OTHER
- 109 **IMPROPER USE OF/INATTENTION TO FUEL SYSTEM PROCEDURES**
- 10901 FAILED TO MONITOR FUEL CONSUMPTION
- 10902 IMPROPER FUEL (MANUAL) TRANSFER TECHNIQUE
- 10903 FAILED TO JETTISON AUXILIARY FUEL TANKS IN EMERGENCY AS REQUIRED
- 10904 USE OF IMPROPER GRADE FUEL
- 10905 RAN FUEL TANK DRY
- 10906 IMPROPER FUEL DUMPING TECHNIQUE
- 10907 NOT FAMILIAR WITH AIRCRAFT FUEL SYSTEM
- 10908 FUEL MISMANAGEMENT
- 10909 IMPROPER PREFLIGHT FAILED TO CHECK FUEL SUPPLY/QUALITY
- 10910 KNOWN/PLANNED FUEL CONSUMPTION DID NOT AGREE WITH GAUGE READING
- 10911 MISREAD/MISINTERPRETED FUEL GAUGE
- 10912 ALLOWED CONTAMINATED FUEL TO BE INTRODUCED INTO FUEL SYSTEM
- 10913 OTHER
- 110 **EXCEEDED PHYSICAL/STRESS LIMITATIONS OF AIRCRAFT**
- 11001 EXCEEDED MAXIMUM "G" LIMIT
- 11002 EXCEEDED MAXIMUM "G" LIMIT IN MANEUVERING FLIGHT
- 11003 EXCEEDED MAXIMUM "G" LIMIT IN PROGRESSIVE STALL
- 11004 EXCEEDED MAXIMUM "G" LIMIT;UNUSUAL ATTITUDE DUE TO CLOUDS/DARKNESS
- 11005 EXCEEDED MAXIMUM "G" LIMIT;COMBINED EFFECTS MANEUVERING/TURBULENCE
- 11006 EXCEEDED MAXIMUM "G" LIMIT;DUE TO EXCESSIVE SINK RATE ON TOUCHDOWN
- 11007 OVERSTRESSED LANDG GEAR DUE TO SKID/EXCESS SPEED,SINK RATE/OVERWGT
- 11008 EXCEEDED MAXIMUM DESIGN SPEED FOR MANEUVER (NATOPS/SOP)
- 11009 ROTOR OVERSPEED
- 11010 OTHER
- 111 **FAILED TO MAINTAIN FLYING SPEED/INADEQUATE ROTARY WING POWER MGMT.** UNINTENTIONAL STALL OR SPIN DUE TO INSUFFICIENT/EXCESSIVE AIRSPEED, EXCLUDES STALL DURING LANDING PHASE.
- 11101 FAILED TO MAINTAIN POWER/RPM
- 11102 FAILED TO MAINTAIN SUFFICIENT AIR SPEED FOR GROSS WGT;BLADE STALL
- 11103 FAILED TO MAINTAIN SUFFICIENT AIR SPEED FOR MANEUVER INVOLVED
- 11104 FAILED TO USE PROPER RECOVERY TECHNIQUE FROM FULLY DEVELOPED SPIN

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- 11105 FAILED TO CONFIGURE AIRCRAFT FOR PLANNED MANEUVER
- 11106 ENTERED/FAILED TO RECOGNIZE SETTLING WITH POWER (ROTARY WING) TEXT UPDATED 18FEB00 TO INCLUDE THE VERBIAGE "ENTERED/".
- 11107 FAILED TO RECOGNIZE VORTEX RING STATE (POWER SETTLING-ROTARY WING)
- 11108 FAILED TO RECOGNIZE APPROACH TO A STALL
- 11109 IMPROPER USE OF NOZZLES
- 11110 OTHER
- 112 **BECAME LOST**
- 11201 FAILED TO RECOGNIZE INCORRECT NAVIGATIONAL DATA
- 11202 PLANNED UTILIZATION OF INADEQUATE NAVIGATIONAL FACILITIES
- 11203 FAILED TO CROSS-CHECK AVAILABLE NAVIGATIONAL EQUIPMENT
- 11204 FAILED TO UTILIZE ALL AVAILABLE NAVIGATIONAL EQUIPMENT
- 11205 NAVIGATION ERROR
- 11206 INCORRECT UPDATE OF INSTALLED NAVIGATIONAL EQUIPMENT
- 11207 NAVAID FAILURE WITHIN AIRCRAFT
- 11208 OTHER
- 113 **IMPROPER INSTRUMENT PROCEDURES**
- 11301 FAILED TO USE/INCORRECT USE OF SOPS/NATOPS/TECHNIQUES IN IMC FLT
- 11302 ERRONEOUS IDENTIFICATION OF ELECTRONIC/RADIO FIX
- 11303 PRIMARY RELIANCE ON GROUND CONTROL FACILS FOR ACFT POSN OVER GROUND
- 11304 NO EMERGENCY PLAN FOR COMMUNICATION FAILURE WITH GROUND STATIONS
- 11305 IMPROPER/LACK OF PRIMARY FLIGHT INSTRUMENT CROSS-CHECK
- 11306 ACCEPTED UNAPPROPRIATE/DANGEROUS ALTITUDE ON IFR FLIGHT PLAN
- 11307 ATTEMPT LANDING AT DESTINATION; REPORTED WEATHER BELOW MINUMUMS
- 11308 DURING GCA/CCA APPROACH
- 11309 DESCENDED BELOW MINIMUMS WHEN RUNWAY ENVIROMENT NOT IN SIGHT
- 11310 IMPROPER PROCEDURES ON AUTHORIZED INSTRUMENT FLIGHT
- 11311 MISREAD/MISINTERPRETED DISPLAY INFORMATION
- 11312 FAILED ADVISE CONTROLLING AGENCY;ADVERSE CONDITIONS AFFECT FLIGHT I.E., AIRCRAFT SYSTEM FAILURES, NAVIGATION SYSTEM FAILURE, WEATHER, LOW FUEL STATE
- 11313 DURING TACAN/VOR/LOW FREQUENCY APPROACH
- 11314 DURING NIGHT (IFR) ASW OPERATIONS
- 11315 INADVERTENT IMC
- 11316 OTHER
- 114 **DID NOT EXTEND LANDING GEAR**
- 11401 FAILED TO USE PROPER EMERGENCY LANDING GEAR LOWERING PROCEDURES
- 11402 FAILED TO CONFIRM LANDING GEAR POSITION PRIOR TO LANDING
- 11403 FAILED TO USE/INCOMPLETE USE OF CHECK LISTS
- 11404 OTHER
- 115 **LANDING PHASE ASHORE; LANDING AND WAVEOFF ASHORE NOT LSO CONTROLLED**
- 11501 WAVEOFF PERFORMED IMPROPERLY
- 11502 FAILED TO INITIATE TIMELY WAVEOFF
- 11503 MISJUDGED ALTITUDE, LEVELED OFF TOO HIGH, STALLED
- 11504 FAST IN APPROACH
- 11505 LANDED LONG/SHORT OF INTENDED TOUCHDOWN POINT
- 11506 SELECTED IMPROPER TYPE LANDING
- 11507 MISUSE OF NOZZLES
- 11508 FORGOT TO CLEAR STO STOP
- 11509 MISUSE OF BRAKES
- 11510 FAILED TO LOWER HOOK FOR PLANNED ARRESTMENT
- 11511 LINE UP
- 11512 POWER CONTROL
- 11513 FAILED TO MAKE PROPER CROSSWIND CORRECTION

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11514	DELAYED PROPER CROSSWIND CORRECTION	
11515	SELECTED INAPPROPRIATE RUNWAY/LZ APPRCH PROFILE FOR WIND CONDITION	ADDED WORDS "LZ APPRCH PROFILE" ON 30 JULY 1999
11516	FAILED TO CONFIGURE AIRCRAFT CORRECTLY FOR WIND AND RUNWAY USED	
11517	FAILED TO CONSIDER/CORRECT FOR GROUND EFFECT	
11518	WIND OUT OF DISENGAGEMENT ENVELOPE	
11519	ATTITUDE CONTROL	
11520	SLOW IN APPROACH, STALLED	
11521	FAILURE TO ARREST RATE OF DESCENT	
11522	FAILED TO RECOGNIZE ONSET OF WIND-SHEAR/MICRO BURST PHENOMENA	
11523	FAILED/LATE CORRECTIVE CONTROL INPUTS TO FLY OUT OF WIND SHEAR	
11524	PILOT INDUCED OSCILLATIONS	
11525	OTHER	
11526	FAILURE TO PROPERLY COMPLETE APPROACH/LANDING CHECKLIST	ADDED 04 NOV 1998.
11527	FAILURE TO INITIATE/DELAYED INITIATING EJECTION	ADDED 8/01. INTENDED PRIMARILY FOR SUPPORTING CAUSES OF OTHER DAMAGE/INJURY WHERE AN EJECTION DECISION OPPORTUNITY EXISTED BUT EJECTION WAS NOT ATTEMPTED OR WAS ATTEMPTED TOO LATE.
11528	ALLOWED NON/INADEQUATELY QUALIFIED INDIVIDUAL TO FLY APPROACH	ADDED MAY 1, 2003.
11529	POWER MISMANAGEMENT	ADDED MAY 2, 2003.
116	LANDING PHASE LSO/LSE CONTROLLED; ASHORE/AFLOAT	
11601	WAVEOFF PERFORMED IMPROPERLY	
11602	FAILED TO INITIATE WAVEOFF	
11603	SETTLED IN GROOVE/EASED GUN IN GROOVE	
11604	POOR LINE UP CONTROL	
11605	SPEED CONTROL - FAST/SLOW/FAILURE TO ANSWER LSO SIGNALS	
11606	FAILED TO CONSIDER/CORRECT FOR GROUND EFFECT	
11607	MISINTERPRETED LSO/LSE SIGNALS OR COMMENTS	
11608	ATTITUDE CONTROL - NOSE LOW, NOSE HIGH, LEFT ROLL, RIGHT ROLL	
11609	IMPROPER SCAN OR CORRECTION FOR "MEATBALL"	INCLUDES SPOTTING DECK
11610	EXCESSIVE SINK RATE	
11611	ATTEMPTED TO SALVAGE A POOR APPROACH	
11612	GLIDESCOPE CONTROL - OVERSHOOT AND SETTLE	
11613	POWER MANAGEMENT - EXCESSIVE/UNDER/ERRATIC POWER	
11614	SLOW/FAILED TO RESPOND TO LSO SIGNAL	
11615	SLOW/FAILED TO INITIATE TIMELY CORRECTIONS	
11616	WIND OUT OF DISENGAGEMENT ENVELOPE	
11617	OTHER	
11618	MISUSE OF NOZZLES	ADDED 28 AUGUST 1995.
11619	FAILURE TO PROPERLY COMPLETE APPROACH/LANDING CHECKLIST	ADDED 04 NOV 1998
117	IMPROPER USE OF MISCELLANEOUS EQUIPMENT	THIS IMPLIES THE PILOT DID NOT HAVE ADEQUATE OPERATIONAL KNOWLEDGE OF THE EQUIPMENT OR WAS CARELESS IN USING IT. THIS INCLUDES THE EMERGENCY PROCEDURES PECULIAR TO EACH AIRCRAFT.
11701	RADIO	
11702	ELECTRICAL/ELECTRONIC EQUIPMENT	
11703	HYDRAULIC SYSTEMS	
11704	BRAKE SYSTEMS	
11705	OXYGEN AND/OR PRESSURIZATION SYSTEMS	
11706	SAFETY EQUIPMENT	
11707	COCKPIT/SEAT/CANOPY/DOORS/EJECTION SEAT	
11708	RADAR (NOT INCLUDING RADAR ALTIMETER)	
11709	ARRESTING GEAR	
11710	ORDNANCE	
11711	FLAPS	
11712	AUTOMATIC FLIGHT CONTROL SYSTEM	
11713	EXTERNAL HOOK	
11714	HOIST/WINCH	
11715	FIRE EXTINGUISHING SYSTEM	
11716	HEADS UP DISPLAY	

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11717	NIGHT VISION GOGGLES	
11718	HELMET MOUNTED DISPLAY	
11719	NIGHT VISION SYSTEMS OTHER THAN NVG'S	
11720	OTHER	
11721	RADAR ALTIMETER	
118	FAILURE OF AIRCREW COORDINATION	INCLUDES PILOTS IN SAME FLIGHT OF SINGLE SEAT AIRCRAFT
11801	FAILED TO COMPLETE CHECKLIST	
11802	FAILED TO COORDINATE ACTIONS	
11803	FAILED TO COMMUNICATE	
11804	FAILED TO PROPERLY BRIEF	
11805	FAILED TO MAKE TIMELY DECISION	
11806	FAILURE OF LEADERSHIP	
11807	FAILURE TO GIVE EFFECTIVE INSTRUCTIONS	
11808	FAILURE TO RESOLVE CREW CONFLICT	
11809	FAILURE TO USE ALL AVAILABLE RESOURCES	
11810	LOSS OF SITUATIONAL AWARENESS	
11811	LACK OF PLANNING/OPERATIONAL STRATEGY	
11812	FAILURE TO BACKUP PLT/COPLT/ACCDR/HAC/PIC/FLT LEAD/WINGMAN/ETC	
11813	OTHER	
119	FAILED TO SUPERVISE FLIGHT PROPERLY	
11901	FAILED TO TAKE CONTROL IN TIME TO PREVENT MISHAP	
11902	OTHER	
11903	EXCEEDED REASONABLE TRAINING LIMITS/STUDENT PROFICIENCY LEVEL	E. G. INSTRUCTOR IN ACM TRAINING PRESENTS STUDENT WITH ADVANCED CIRCUMSTANCE BEYOND HIS PROFICIENCY LEVEL TO CONTEND WITH, WHEN PURPOSE OR MOST APPROPRIATE TRAINING SCENARIO WAS TO SIMPLY LEARN FUNDAMENTALS OF MANEUVER BEING PRACTICED. LIKELY TO ACCOMPAN
120	EXCEEDED ABILITY/EXPERIENCE	PERTAINS TO ALL CASES IN WHICH THE AIRCREW WAS NOT PROPERLY QUALIFIED OR LACKED EXPERIENCE.
12001	IN PARTICULAR TYPE AIRCRAFT	
12002	IN MISSION OR MANEUVER	
12003	INSUFFICIENT REFRESHER EXPERIENCE	
12004	PENETRATED KNOWN WEATHER CONDITIONS BEYOND AIRCREW CAPABILITIES	
12005	EMERGENCY/SITUATION DEVELOPED PLACING AIRCREW BEYOND ABILITY LIMITS	
12006	OTHER	
121	VIOLATION OF EXISTING REGULATIONS/INSTRUCTIONS/NATOPS	
12101	VIOLATION OF GENERAL AIR DISCIPLINE	I.E., VIOLATION OF FLIGHT REGULATIONS/LOCAL POLICIES/STANDARD OPERATIONAL PROCEDURES.
12102	CONTINUED VFR UNDER UNFAVORABLE WEATHER	
12103	FAILED TO FOLLOW INSTRUCTIONS FROM FLT LDR/TOWER/CONTROLLER	
12104	VIOLATION OF SPECIFIC ORDERS/REGULATIONS/SOP	
12105	UNAUTHORIZED PERSONNEL OPERATING AIRCRAFT	
12106	INTENTIONAL VIOLATION OF NATOPS	USED ONLY WHEN EVIDENCE OF DELIBERATE VIOLATION OF STANDARD/SPECIFIC ORDERS/PRACTICE EXISTS.
12107	OTHER	
122	OTHER	
12201	OTHER	
123	MISCELLANEOUS	NEW AS OF 22 AUG 2002.
12301	FAILED TO IDENTIFY/MISIDENTIFIED INTENDED TARGET	NEW AS OF 22 AUG 2002
12302	<u>DEVIATION FROM NATOPS GUIDANCE (NOT INTENTIONAL VIOLATION)</u>	NEW AS OF 28 JAN 2004
12399	OTHER	
2	SUPERVISORY	
201	FAILURE TO PROVIDE/PROVIDED INADEQUATE/IMPROPER	
20101	TRAINING	
20102	FLIGHT TIME/SORTIES/PROFICIENCY	CHANGED FROM 'FLIGHT TIME' AS OF 10/12/00
20103	SCHEDULING	
20104	OPERATIONAL DOCTRINE	
20105	MANAGEMENT OF PERSONNEL/ASSETS	
20106	PROFESSIONAL GUIDANCE/FUNCTIONAL LEADERSHIP	EXAMPLE: SENIOR MEMBER OF MISHAP FLIGHT WHO IS NOT FLIGHT LEAD, ETC.
20107	OPERATIONAL LEADERSHIP	
20108	TECHNICAL DATA/PROCEDURE	

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20109	OPERATIONAL DATA/PROCEDURE	INCLUDES DEFICIENCY IN SQUADRON SOP'S (FOR EXAMPLE, FLIGHT PLANNING PROCEDURE DEFICIENCY).
20110	TRAINING DOCTRINE	
20111	TECHNICAL DESIGN	
20112	OTHER	
20113	AEROMEDICAL RECOMMENDATION	ADDED 16 MAY 2000.
20114	HAZARD IDENTIFICATION	PERTAINS TO SPECIFIC HAZARD(S) WHICH WERE NOT RECOGNIZED, ESPECIALLY IF NO APPARENT ATTEMPT WAS MADE TO IDENTIFY PERTINENT HAZARDS.
20115	HAZARD ASSESSMENT	PERTAINS TO SPECIFIC HAZARD(S) WHICH WERE MISSED DURING A HAZARD ASSESSMENT OR INACCURATELY EVALUATED. E. G., A NOISE MGMT CONCERN IS ALLOWED TO DICTATE TRAFFIC PATTERNS WITHOUT CONSIDERATION OF OTHER (ENVIRONMENTAL, GEOGRAPHIC, TRAFFIC, ETC.) THREATS.
20116	HAZARD CONTROLS	PERTAINS TO SPECIFIC HAZARD(S) WHICH WERE RECOGNIZED AND ASSESSED BUT NOT SUFFICIENTLY ADDRESSED. SEE 'FAILURE TO INITIATE CORRECTIVE ACTION FOR IDENTIFIED DISCREPANCY', ABOVE.
20117	OPERATIONAL RISK MANAGEMENT	PERTAINS TO OVERALL ORM PROGRAM OVERSIGHT/LEADERSHIP.
20118	SAFETY EQUIPMENT	PERTAINS TO LACKING SAFETY EQUIPMENT WHICH COULD HAVE REASONABLY BEEN EXPECTED TO BE PROVIDED. BREAKOUT FROM OVERALL SYSTEMS DESIGN ISSUES CONTAINED IN 'TECHNICAL DESIGN' ABOVE.
202	FAILURE TO INITIATE CORRECTIVE ACTION OF IDENTIFIED DISCREPANCY	
20201	DATA	
20202	DOCTRINE	
20203	PROCEDURE	
20204	WEAPON/AIRCRAFT SYSTEM	CHANGED FROM 'WEAPON SYSTEM' ON 4/19/04
20205	SUPPORT EQUIPMENT	
20206	OTHER	
203	FAILURE TO RECOGNIZE/ACCURATELY ASSESS/DIAGNOSE	ADDED VERBIAGE "ACCURATELY ASSESS/DIAGNOSE" ON 05 APR 2000.
20301	AEROMEDICAL CONDITIONS	
20302	OTHER	
20303	DESIGN DEFICIENCY	ADDED 18 JUNE 1999.
20304	FAILING AVIATOR/AIRCREWMAN	ADDED 05 APR 2000
204	FAILURE TO REPORT/DISCIPLINE/COUNSEL	
20401	AIRCREW UNPROFESSIONAL BEHAVIOR	
20402	UNSAFE TENDENCIES/VIOLATIONS OF RULES/SOP	
20403	POOR HEADWORK/JUDGEMENT	
20404	OTHER	
205	VIOLATED	
20501	TECHNICAL/OPERATIONAL/TRAINING DOCTRINE/REGULATIONS/INSTRUCTIONS	
20502	OTHER	
206	FAILURE TO SCHEDULE ADEQUATE	
20601	AT SEA TIME	
20602	FLIGHT HOURS	
20603	CREW REST	
20604	OTHER	
207	PLANNED INAPPROPRIATE OPS	
20701	TEMPO	
20702	OPERATIONAL SCHEDULE	
20703	OTHER	
208	OTHER	
20801	OTHER	
3	FACILITIES PERSONNEL	
301	FAILED TO ADHERE TO PROCEDURES/DIRECTIONS/INSTRUCTIONS	
30101	NATOPS PROCEDURES	
30102	STANDARD OPERATING PROCEDURES	
30103	SHIP/STATION/LOCAL DIRECTIVES/INSTRUCTIONS	
30104	SAFETY PRECAUTIONS/PROCEDURES	
30105	STANDARD COMMUNICATIONS PROCEDURES	
30106	OTHER	
302	FAILED TO ADEQUATELY SUPERVISE	
30201	AIRCROWS/AIRCRAFT MOVEMENT	

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30202 LSO/LSE
30203 PRI FLY PERSONNEL
30204 LAUNCHING CREW
30205 RECOVERY CREW
30206 ARRESTING GEAR MAINTENANCE CREW
30207 CATAPULT MAINTENANCE CREW
30208 QUALITY ASSURANCE PERSONNEL
30209 AIRCRAFT DIRECTOR
30210 AIRCRAFT HANDLERS/HANDLING CREW
30211 YELLOW GEAR DRIVER
30212 ELEVATOR OPERATOR/CREW
30213 AIRCRAFT FIREFIGHTERS/CRASH AND SALVAGE CREW
30214 OTHER FLIGHT/HANGAR DECK/LINE PERSONNEL
30215 SUBORDINATE PERSONNEL NOT OTHERWISE SPECIFIED
30216 OTHER
303 **FAILED TO ADEQUATELY TRAIN/LICENSE/QUALIFY**
30301 LSO/LSE
30302 PRI FLY PERSONNEL
30303 LAUNCHING CREW
30304 RECOVERY CREW
30305 ARRESTING GEAR MAINTENANCE CREW
30306 CATAPULT MAINTENANCE CREW
30307 QUALITY ASSURANCE PERSONNEL
30308 AIRCRAFT DIRECTOR
30309 AIRCRAFT HANDLERS/HANDLING CREW
30310 YELLOW GEAR DRIVER
30311 ELEVATOR OPERATOR/CREW
30312 AIRCRAFT FIREFIGHTERS/CRASH AND SALVAGE CREW
30313 OTHER FLIGHT/HANGAR DECK/LINE PERSONNEL
30314 SUBORDINATE PERSONNEL NOT OTHERWISE SPECIFIED
30315 OTHER
304 **FAILED TO PROVIDE**
30401 ADEQUATE/CURRENT FLIGHT PLANNING MATERIAL
30402 ADEQUATE QUALIFIED PERSONNEL
30403 ADEQUATE WATCHCREW ORGANIZATION
30404 INTER/INTRA FACILITY COORDINATION
30405 STANDARD OPERATING PROCEDURES
30406 PUBLISHED PROCEDURES
30407 ADEQUATE/CORRECT CONTROL PROCEDURES
30408 ADEQUATE SEPARATION
30409 PROPER SEQUENCING
30410 PROPER CLEARANCE
30411 EMERGENCY PROCEDURES
30412 EMERGENCY ASSISTANCE
30413 ACCURATE INFORMATION
30414 TIMELY INFORMATION
30415 CURRENT WEATHER
30416 SAFETY ALERTS
30417 TRAFFIC ADVISORIES
30418 ADEQUATE AIRFIELD VISUAL AIDS/LIGHTING
30419 REQUESTED SERVICE
30420 ADEQUATE EQUIPMENT/TOOLS
30421 PROPER AIRCRAFT SIGNALLING EQUIPMENT
30422 PROPER POSITION/DISTANCE
30423 PROPER SECURING OF AIRCRAFT; CHOCKS, CHAINS,
TIEDOWNS
30424 OTHER
305 **LOSS OF SITUATIONAL AWARENESS/FAILED TO IDENTIFY/RECOGNIZE**
30501 INADEQUATE EQUIPMENT
30502 IMPROPER EQUIPMENT OPERATION
30503 PROPER AIRCRAFT/AIRCRAFT HANDLING SIGNALS
30504 IMPROPER POSITION/DISTANCE
30505 HAZARDOUS/UNSAFE DECK CONDITION
30506 IMPROPER SECURING OF AIRCRAFT; CHOCKS, CHAINS,
TIEDOWNS
30507 PERSONNEL/EQUIPMENT/AIRCRAFT ACROSS "SAFE PARKING
LINES"
30508 EMERGENCY SITUATION NOT OTHERWISE DESCRIBED
30509 UNSAFE SITUATION NOT OTHERWISE DESCRIBED

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- 30510 OTHER
- 306 **FAILED TO RESPOND**
- 30601 TO EMERGENCY SITUATION
- 30602 TO SAFETY ALERTS
- 30603 TO UNSAFE SITUATION
- 30604 TO AIRCRAFT/AIRCRAFT HANDLING SIGNALS
- 30605 TO HAZARDOUS/UNSAFE DECK CONDITION
- 30606 WITH PROPER EQUIPMENT/AGENT
- 30607 IN THE REQUIRED TIME
- 30608 OTHER
- 307 **FAILED TO CALCULATE/CHECK/VERIFY**
- 30701 PROPER CLEARANCE
- 30702 ADEQUATE AIRFIELD VISUAL AIDS/LIGHTING
- 30703 ADEQUATE EQUIPMENT
- 30704 PROPER EQUIPMENT OPERATION
- 30705 PROPER POSITION/DISTANCE
- 30706 PROPER SECURING OF AIRCRAFT; CHOCKS, CHAINS, TIEDOWNS
- 30707 PROPER TRAINING/QUALIFICATION/LICENSING OF SUBORDINATE PERSONNEL
- 30708 WIND OVER DECK REQUIREMENTS
- 30709 AIRCRAFT LAUNCH/LANDING WEIGHTS
- 30710 WIND AND CROSSWIND CONDITIONS
- 30711 STEAM PRESSURE
- 30712 OFF CENTER DISTANCE/AIRCRAFT ALIGNMENT
- 30713 AIRCRAFT CONFIGURATION
- 30714 CLEAR DECK/CLEAR SHOT LINES
- 30715 TYPE AIRCRAFT
- 30716 CSV SETTINGS
- 30717 ARRESTING GEAR/AIRCRAFT WEIGHT SETTING
- 30718 OTHER
- 308 **OTHER**
- 30801 OTHER
- 4 **MAINTENANCE PERSONNEL**

- 401 **SUPERVISORY**
- 40101 FAILED TO PROVIDE ADEQUATE TRAINING
- 40102 FAILED TO MANAGE/SUPERVISE PERSONNEL/ASSETS
- 40103 FAILED TO PROVIDE ADEQUATE TECHNICAL DATA/PROCEDURES
- 40104 FAILED TO PROVIDE ADEQUATE TECHNICAL DESIGN
- 40105 VIOLATED TECHNICAL DOCTRINE/PROCEDURES
- 40106 FAILED TO PROVIDE CURRENT PUBLICATIONS
- 40107 FAILED TO ENSURE ADEQUATE TOOL/FOD CONTROL
- 40108 FAILED TO ASCERTAIN ADEQUATE TRAINING
- 40109 ALLOWED IMPROPER/UNDOCUMENTED CANNIBALIZATION
- 40110 FAILED TO PROVIDE ADEQUATE PROTECTIVE EQUIPMENT
- 40111 FAILED TO PROVIDE ADEQUATE/PROPER TOOLS
- 40112 FAILED TO PROVIDE ADEQUATE/PROPER MATERIAL
- 40113 FRAUDULENTLY DOCUMENTED; GUNDECKED
- 40114 INADEQUATELY INSPECTED
- 40115 FAILED TO DEMAND ADHERENCE TO TECHNICAL DOCTRINE

- 40116 OTHER
- 402 **PRODUCTION**
- 40201 FAILED TO USE TECHNICAL DATA/PUBLICATIONS
- 40202 USED OUTDATED TECHNICAL DATA/PUBLICATIONS
- 40203 FAILED TO FOLLOW TECHNICAL PROCEDURE; STEP BY STEP

- 40204 OVERTORQUED
- 40205 UNDERTORQUED
- 40206 IMPROPERLY INSTALLED
- 40207 DID NOT INSTALL
- 40208 UNDER SERVICED
- 40209 OVER SERVICED
- 40210 FAILED TO REMOVE
- 40211 IMPROPERLY REMOVED
- 40212 FAILED TO ENSURE ADEQUATE TOOL/FOD CONTROL

USE FOR CAUSE FACTORS RELATING TO REPAIR/SERVICING OF AIRCRAFT/ EQUIPMENT; USE 'FACILITIES PERSONNEL' CATEGORY WHEN MAINTENANCE PERSONNEL ARE INVOLVED WITH GROUND HANDLING CAUSE FACTORS.

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40213	CANNIBALIZATION WITHOUT AUTHORITY/DOCUMENTATION	
40214	FAILED TO USE PROTECTIVE EQUIPMENT	
40215	FAILED TO FOLLOW SAFETY PROCEDURES	
40216	USED MATERIAL/TOOLS IMPROPERLY	
40217	FRAUDULENTLY DOCUMENTED; GUNDECKED	
40218	LOST SITUATIONAL AWARENESS	
40219	FAILED TO OPERATE EQUIPMENT PROPERLY	
40220	OPERATED EQUIPMENT WITHOUT LICENSE/QUALIFICATION	
40221	FAILED TO SECURE EQUIPMENT PROPERLY	
40222	VIOLATED TECHNICAL DOCTRINE/PROCEDURE	
40223	OTHER	
40224	IMPROPERLY SERVICED/SERVICED WITH IMPROPER MATERIAL	ADDED 30 JULY 1999
40225	FAILURE TO INITIATE CORRECTIVE ACTION OF IDENTIFIED DISCREPANCY	NEW AS OF JUNE 3, 2003.
40226	CONDUCTED MAINTENANCE/INSPECTION USING FLAWED/INADEQUATE PROCEDURES	ADDED 4/27/04
40227	FAILED TO IDENTIFY/DETECT FLAW/HAZARDOUS CONDITION	ADDED 4/27/04

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<u>NSC</u> <u>code</u>	<u>Why Values</u>	<u>Help/History Notes</u>
1	COMMUNICATION/COORDINATION	
101	MESSAGE/INFORMATION	
10101	NOT SENT	
10102	NOT RECEIVED	
10103	SENT/RECEIVED BUT IN ERROR	
10104	SENT/RECEIVED BUT NOT TIMELY	
10105	QUEUE DELAYS	
10106	OTHER	
10107	RECEIVED BUT NOT READ/REVIEWED/IMPLEMENTED	
102	MISINTERPRETATION - VERBAL	
10201	NON STANDARD/AMBIGUOUS/INADEQUATE LANGUAGE/INSTRUCTION	
10202	INCOMPATIBLE VERBAL GUIDANCE	
10203	LANGUAGE BARRIER; FOREIGN	
10204	GARBLED	
10205	DISRUPTION DUE TO NOISE INTERFERENCE	
10206	DISRUPTION DUE TO OTHER CAUSES	
10207	MESSAGE RECEIVED BUT MISUNDERSTOOD	
10208	OTHER	
103	MISINTERPRETATION - WRITTEN	
10301	AMBIGUITY OR INADEQUACY OF INSTRUCTION	
10302	INCOMPATIBLE WRITTEN GUIDANCE	
10303	INADEQUATE GRAPHIC DESIGN	
10304	OTHER	
104	INADEQUATE COORDINATION	
10401	PERSONAL RELATIONSHIP PROBLEM	
10402	IMBALANCE IN TRANS-COCKPIT AUTHORITY GRADIENT	
10403	MISMATCH BETW. PILOT AT CONTROLS & PILOT IN COMMAND'S PERSONALITIES	
10404	OTHER	
10405	IMBALANCE IN AUTHORITY GRADIENT BETWEEN AIRCRAFT	ADDED 30 JULY 1999.ÿ
10406	FAILURE/BREAKDOWN OF CRM	NEW AS OF 12/22/2000
10407	WITH/BETWEEN SQUADRON/ORGANIZATIONAL STAFF(S)	EG. A SCHEDULE OFFICER RETURNS TO HIS DESK TO FIND A LAST MINUTE ADDITION WRITTEN ONTO A FLIGHT PLAN BY THE OPS OR TRAINING OFFICER AND FAILS TO VERIFY THAT CURRENCY REQUIREMENTS ARE MET, INSTEAD TRUSTING THE SENIOR OFFICER TO HAVE KNOWLEDGE OF THAT. (NE ADDED 4/21/04
10408	INADEQUATE SUPERVISORY LEVEL COORDINATION	
105	FAILURE TO CONDUCT ADEQUATE BRIEF	
10501	BETWEEN PILOT & COPILOT	
10502	BETWEEN PILOT & CREW CHIEF	
10503	BETWEEN PILOT & OTHER CREW	
10504	BETWEEN OTHER CREW MEMBERS	
10505	BETWEEN AIRCRAFT CREWS	
10506	BETWEEN CREW & PASSENGERS	
10507	OTHER	
10508	OF SHIP/GROUND/FACILITIES PERSONNEL	NEW AS OF 11 AUGUST 2003.
106	OTHER	
10601	OTHER	
2	PSYCHOSOCIAL	
201	ATTITUDE PROBLEM	
20101	EXCESSIVE MOTIVATION	
20102	MISPLACED MOTIVATION	
20103	ATTITUDE, INSUFFICIENT MOTIVATION	LACK OF ASSERTIVENESS
20104	OVER CONFIDENT	
20105	LACK OF CONFIDENCE	
20106	LACK OF DISCIPLINE	
20107	OTHER	
202	AFFECTIVE STATE; EMOTION/MOOD	
20201	ANGER	
20202	FEAR/ANXIETY/APPREHENSION	
20203	PANIC	
20204	DEPRESSION	
20205	IRRITABILITY	
20206	ELATION	
20207	CAREFREE	
20208	LABILE	
20209	RECENT CHANGE	

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20210 OTHER
203 **STRESS**
20301 PREOCCUPIED WITH PERSONAL PROBLEMS
20302 GET-HOME-ITIS/"GET-THERE-ITIS"
20303 INTERPERSONAL TENSION
20304 INADEQUATE MISSION STRESS COPING
20305 INADEQUATE PERSONAL STRESS COPING
20306 PERCEIVED PRESSURE RELATED TO PEERS/COMMUNITY
20307 PERCEIVED PRESSURE RELATED TO SUPERVISOR
20308 PERCEIVED PRESSURE RELATED TO FAMILY
20309 PERCEIVED PRESSURE RELATED TO UNKNOWN SOURCE
20310 PERCEIVED PRESSURE INTERNALLY GENERATED
20311 PERCEIVED PRESSURE, OTHER
20312 EXCESSIVE WORKLOAD WITHIN COMMAND
20313 HIGH OPERATIONS TEMPO, APPROPRIATE
20314 HIGH OPERATIONS TEMPO, INAPPROPRIATE
20315 SPECIAL SORTIE, ACTUAL
20316 SPECIAL SORTIE, PERCEIVED
20317 EXCESSIVE WORKLOAD OUTSIDE COMMAND
20318 EXCESSIVE WORKLOAD, OTHER
20319 OTHER
204 **RECENT LIFE CHANGES**
20401 DEATH OF SPOUSE
20402 DEATH OF FAMILY MEMBER
20403 DEATH OF FRIEND OR PEER
20404 ENGAGEMENT
20405 MARRIAGE
20406 MARITAL DISCORD
20407 SEPARATION
20408 DIVORCE
20409 JOB CHANGE
20410 JOB/CAREER DISSATISFACTION
20411 JOB/CAREER MAJOR EVENT
20412 FAILURE TO SCREEN FOR COMMAND
20413 PASSED OVER FOR PROMOTION
20414 CHANGE OF RESIDENCE
20415 HOLIDAY/VACATION
20416 ADDITION TO FAMILY
20417 FINANCIAL DIFFICULTIES
20418 LEGAL DIFFICULTIES
20419 POOR PERSONAL HEALTH
20420 POOR HEALTH OF SPOUSE
20421 POOR HEALTH OF OTHER FAMILY MEMBER
20422 POOR HEALTH OF FRIEND
20423 OTHER
205 **OTHER**
20501 OTHER
206 **ORGANIZATIONAL CLIMATE/CULTURE** ADDED 14 JAN 1999.
20699 OTHER ADDED 14 JAN 1999.
3 **ENVIRONMENT**
301 **INTERNAL TO THE AIRCRAFT**
30101 EXCESSIVE VIBRATIONS
30102 EXPLOSIVE DECOMPRESSION
30103 RAPID DECOMPRESSION
30104 SLOW DECOMPRESSION
30105 SMOKE/FUMES/ODORS IN COCKPIT
30106 CQ TOXIC EXPOSURE
30107 OTHER TOXIC EXPOSURE
30108 O2 CONTAMINATION
30109 ELECTRIC SHOCK
30110 EXCESSIVELY HOT TEMPERATURE
30111 EXCESSIVELY COLD TEMPERATURE
30112 EXTREMELY HIGH HUMIDITY
30113 EXTREMELY LOW HUMIDITY
30114 HAZARDOUS NOISE
30115 INADEQUATE LIGHTING
30116 OTHER
30117 OBSTRUCTED VIEW ADDED 4/19/04.
302 **OTHER**
30201 OTHER

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303	EXTERNAL TO AIRCRAFT	ADDED 14 JAN 1999.
30301	SUN ANGLE	
30302	TERRAIN BACKGROUND	
30303	OBSCURED VISION/HORIZON	INCLUDES LACK OF HORIZON OR ABILITY TO OBSERVE EXTERNAL OBJECTS/REFERENCES WHEN REQUIRED/OF USE IN AVOIDING/RESPONDING TO THE SITUATION IN WHICH ASSOCIATED WHAT FACTORS OCCURRED.
30399	OTHER	ADDED 14 JAN 1999
4	PERFORMANCE	
401	JUDGEMENT ERROR	
40101	DELAYED JUDGEMENT	
40102	POOR JUDGEMENT	
40103	OTHER	
40104	IMPAIRED JUDGEMENT	ADDED 15 MAY 2000.
40105	FAILURE TO CONSIDER OR EMPLOY AVAILABLE/ADEQUATE RISK CONTROLS.	ADDED MARCH 3, 2004.
402	DECISION ERROR	
40201	DELAYED DECISION	
40202	INDECISION	
40203	RUSHED DECISION	
40204	POOR DECISION	
40205	COMPLETE TECHNICAL DATA WAS NOT AVAILABLE	
40206	NECESSARY INFORMATION HAD NOT BEEN PROVIDED	
40207	NECESSARY PROFICIENCY HAD NOT BEEN PROVIDED	
40208	NECESSARY INFORMATION DID NOT EXIST	
40209	PROBLEM NOT FORSEEABLE	
40210	OTHER	
40211	FAILURE TO CONSIDER OR EMPLOY AVAILABLE/ADEQUATE RISK CONTROLS	ADDED 07 JAN 1999.
403	TECHNICAL ERROR; ERROR OF EXECUTION	
40301	PERCEPTUAL MOTOR ERROR	
40302	ADJUSTMENT ERROR	
40303	FORGETTING ERROR	
40304	MISREAD INSTRUMENTS	
40305	MISINTERPRETED INSTRUMENT READING/INDICATOR LIGHT	
40306	REVERSAL ERROR	
40307	SUBSTITUTION ERROR	
40308	CONFUSION OF CONTROLS	
40309	UNINTENTIONAL ACTIVATION	
40310	FLYING SKILL DEFICIENCY	
40311	OVER CONTROL	
40312	LACK OF DEXTERITY/COORDINATION	
40313	LACK OF PHYSICAL STRENGTH	
40314	LACK OF PHYSICAL MOBILITY	
40315	OTHER	
404	FAILURE OF ATTENTION	
40401	GENERAL INATTENTION	
40402	BOREDOM	
40403	MISSION ACCOMPLISHED COMPLACENCY	
40404	COMPLACENCY, OTHER	
40405	SELECTIVE INATTENTION	
40406	CHANNELIZED ATTENTION; FIXATION	
40407	FASCINATION	
40408	COGNITIVE SATURATION	
40409	DISTRACTION EXTERNAL	
40410	DISTRACTION INTERNAL	
40411	TEMPORAL DISTORTION	
40412	HABIT PATTERN ERROR	
40413	RESPONSE SET ERROR, INTERFERENCE	
40414	RESPONSE SET ERROR, SUBSTITUTION	
40415	OTHER	
40416	FAILED TO ANTICIPATE NEED	ADDED 30 JULY 1999
405	OTHER	
40501	OTHER	
5	HUMAN ENGINEERING	
501	DISPLAYS	
50101	HUD DEFICIENCY, LOCATION	
50102	HUD DEFICIENCY, SYMBOLOGY	
50103	HUD DEFICIENCY, OTHER	
50104	HUD DEFICIENCY	

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50105 CRT DEFICIENCY
50106 TCS DEFICIENCY
50107 WARNING SYSTEM DEFICIENCY
50108 OTHER INSTRUMENTS DEFICIENCY
50109 LOCATION RESTRICTED BY EQUIPMENT STRUCTURES
50110 LOCATION PROBLEM, OTHER
50111 STANDARDIZATION PROBLEM, SAME TYPE AIRCRAFT
50112 STANDARDIZATION PROBLEM, DIFFERENT TYPE OF AIRCRAFT
50113 AURAL INSTRUMENT DEFICIENCY
50115 OTHER
502 **CONTROLS**
50201 DESIGN DEFICIENCY, SIZE
50202 DESIGN DEFICIENCY, SHAPE
50203 DESIGN DEFICIENCY, OTHER
50204 LOCATION PROBLEM
50205 CONTROL DISPLAY COMPATIBILITY PROBLEM
50206 OTHER
503 **PERSONAL EQUIPMENT**
50301 DEFICIENCY
50302 MALFUNCTION
50303 INTERFERENCE
50304 LOCATION PROBLEM
50305 OTHER
504 **ANTHROPOMETRY**
50401 MOVEMENT RESTRICTION
50402 CONTROL OUT OF EFFECTIVE REACH
50403 PERSON DID NOT FIT ANTHROPOMETRIC PARAMETERS
50404 OTHER
505 **INFORMATION PROCESSING**
50501 SIGNAL DETECTION
50502 DISTRACTION
50503 WORKLOAD, OVERLOAD
50504 WORKLOAD, UNDERLOAD
50505 TASK DIFFICULTY
50506 OMISSION
50508 OTHER
506 **SENSORY FUNCTIONING**
50601 ILLUSIONS/DISTORTIONS
50602 OVERLOAD
50603 VISUAL RESTRICTION/OBSTRUCTION DUE TO CANOPY REFLECTION/GLARE
50604 VISUAL RESTRICTION/OBSTRUCTION DUE TO OTHER CAUSE

50605 INADEQUATE LIGHTING
50606 NIGHT VISION DEVICE INADEQUATE
50607 NIGHT VISION DEVICE MISUSED
50608 NIGHT VISION DEVICE NOT USED
50609 OTHER
50610 INSUFFICIENT REACTION TIME
507 **LIFE SUPPORT CAPABILITY**
50701 INADEQUATE CRASHWORTHY DESIGN
50702 INADEQUATE FIREFIGHTING SYSTEM
50703 OTHER
508 **OTHER**
50801 OTHER
6 **MEDICAL/PHYSIOLOGICAL**
601 **ACUTE EFFECTS**
60101 MEDICATION EFFECTS, PRESCRIBED
60102 MEDICATION EFFECTS, NONPRESCRIBED
60103 ALCOHOL EFFECTS, ACUTE INTOXICATION
60104 ALCOHOL EFFECTS, HANGOVER
60105 ALCOHOL EFFECTS, OTHER
60106 CAFFEINE EFFECTS
60107 TRAPPED GAS EFFECTS, EAR BLOCK
60108 TRAPPED GAS EFFECTS, SINUS BLOCK
60109 GASTROINTESTINAL GAS EXPANSION
60110 BARDONTALGIA
60111 EVOLVED GAS EFFECTS, BENDS
60112 EVOLVED GAS EFFECTS, CHOKES

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60113 EVOLVED GAS EFFECTS, NEUROLOGIC MANIFESTATIONS
60114 EVOLVED GAS EFFECTS, SKIN MANIFESTATIONS
60115 HYPOXIA/HYPOXIC
60116 HYPOXIA, OTHER
60117 HYPERVENTILATION
60118 PNEUMOTHORAX
60119 DEHYDRATION
60120 MISSED MEALS
60121 MOTION SICKNESS
60122 FATIGUE, INADEQUATE REST; SLEEP DEPRIVATION
60123 FATIGUE, CIRCADIAN RHYTHM DISTURBANCE
60124 FATIGUE, OTHER
60125 HEAT STRESS
60126 COLD STRESS
60127 ACCELERATION EFFECTS, GREYOUT
60128 ACCELERATION EFFECTS, BLACKOUT
60129 LOSS OF CONSCIOUSNESS
60130 RESTRICTED MOVEMENT
60131 INFECTIOUS DISEASE
60132 TRAUMA
60133 AEROMEDICAL EVALUATION, DOWN RECOMMENDED
60134 AEROMEDICAL EVALUATION, UP RECOMMENDED
60135 NOT EVALUATED BY AEROMEDICAL PERSONNEL
60136 OTHER
602 **CHRONIC EFFECTS**
60201 ABNORMAL DIET; POOR NUTRITION
60202 FATIGUE; MOTIVATIONAL EXHAUSTION; BURNOUT
60203 FATIGUE, OTHER
60204 POOR PHYSICAL CONDITIONING
60205 PREEXISTING DISEASE, WAIVERED
60206 PREEXISTING DISEASE, NOT WAIVERED
60207 OTHER
603 **MISPERCEPTION**
60301 VESTIBULAR ILLUSION
60302 VISUAL ILLUSION
60303 OCULOVESTIBULAR ILLUSION
60304 KINESTHETIC ILLUSION
60305 SPATIAL DISORIENTATION, RECOGNIZED
60306 SPATIAL DISORIENTATION, UNRECOGNIZED;
MISORIENTATION
60307 OTHER
60308 G EXCESS ILLUSION; UNRECOGNIZED
60309 G EXCESS ILLUSION; RECOGNIZED
604 **REVIEW OF SYSTEMS**
60401 CONSTITUTIONAL PROBLEM
60402 PSYCHIATRIC PROBLEM, PSYCHOSIS
60403 PSYCHIATRIC PROBLEM, PERSONALITY DISORDER
60404 PSYCHIATRIC PROBLEM, NEUROSIS
60405 PSYCHIATRIC PROBLEM, OTHER
60406 NEUROLOGICAL PROBLEM, SEIZURE
60407 NEUROLOGICAL PROBLEM, CVA
60408 NEUROLOGICAL PROBLEM, ALTERED CONSCIOUSNESS
60409 NEUROLOGICAL PROBLEM, SYNCOPE
60410 NEUROLOGICAL PROBLEM, AMNESIA
60411 NEUROLOGICAL PROBLEM, UNCONSCIOUSNESS
60412 NEUROLOGICAL PROBLEM, OTHER
60413 OPHTHALMOLOGY PROBLEM, UNCORRECTED DEFECTIVE VA

60414 OPHTHALMOLOGY PROBLEM, COLOR BLINDNESS
60415 OPHTHALMOLOGY PROBLEM, OTHER
60416 OTOLARYNGOLOGY PROBLEM, AUDITORY DEFICIT
60417 OTOLARYNGOLOGY PROBLEM, OTHER
60418 MOUTH OR DENTAL PROBLEM
60419 RESPIRATORY PROBLEM, INFECTION
60420 RESPIRATORY PROBLEM, SMOKE INHALATION
60421 RESPIRATORY PROBLEM, ASTHMA
60422 RESPIRATORY PROBLEM, OTHER
60423 CARDIOVASCULAR PROBLEM, MYOCARDIAL INFARCTION
60424 CARDIOVASCULAR PROBLEM, ANGINA
60425 CARDIOVASCULAR PROBLEM, ARRHYTHMIA

ADDED 15 MAY 2000.
ADDED 15 MAY 2000.

OPNAV 3750.6R Appendix L - WHY Factors

60426 CARDIOVASCULAR PROBLEM, HYPERTENSION
60427 CARDIOVASCULAR PROBLEM, OTHER
60428 PERIPHERAL VASCULAR PROBLEM
60429 GASTROINTESTINAL PROBLEM, NAUSEA/VOMITTING
60430 GASTROINTESTINAL PROBLEM, PEPTIC/GASTRIC ULCER
60431 GASTROINTESTINAL PROBLEM, GALLBLADDER DISEASE
60432 GASTROINTESTINAL PROBLEM, ABNORMAL BOWEL ACTION

60433 GASTROINTESTINAL PROBLEM, OTHER
60434 GENITOURINARY PROBLEM, RENAL COLIC
60435 GENITOURINARY PROBLEM, OTHER
60436 MUSCULOSKELETAL PROBLEM
60437 HEMATOLOGIC PROBLEM
60438 ENDOCRINE PROBLEM
60439 DERMATOLOGIC PROBLEM
60440 OTHER
605 **OTHER**
60501 OTHER
7 **UNDETERMINED**
701 **UNDETERMINED**
70101 UNDETERMINED