

Jackhammer Text Miner: Analytics

The following information in this report was generated on: 2022-12-12. From the Jackhammer.sh Script having:

- SHA256: 7ecdffdd4e1c7295b6cdb270b8871473dbb21377a988465d1e66bab8a2e20c3e
- Size of the file in Bytes:

The following report IS NOT guaranteed to be anything other than a tricky way to parse information out of a collection of files. None of the content has been verified by any other means, therefore **USE THE DATA AT YOUR OWN RISK**. If you find that the information is inaccurate, or simply incorrect please let me know.

Global Stats

- Total RunTime: 2.793994000 seconds
- Total Files Processed: 12
- Total Words: 107213
- Words in Filter: 572
- Non-duplicated Words: 7156
- Total Words when Filtered: 60255
- Non-duplicated Words when Filtered: 6848
- Percent of Words Filtered (Removed): 43.8000%
- Non-duplicated Words when Case Insensitive: 5548
- Percent of Filter Words within Global Unique Words: 10.3100%
- Non-duplicated Words when Case Insensitive, Filtered: 5223
- Total Pages: 312
- Total Words/Page: 343
- Total Words/Page when Filtered: 193
- Total PDF Size: 5757679 Bytes, 5622 KiloBytes, 5 MegaBytes
- Total Word List Size: 572822 Bytes, 559 KiloBytes, 0 MegaBytes
- Total Word List Size when Filtered: 509820 -28119 Bytes, 509820 -27 KiloBytes, 509820 0 MegaBytes
- Total List Size/Words: 5.34 Bytes per Word (AKA Letters per Word with ASCII)
- Total List Size/Words when Filtered: 509820 -.46 Bytes per Word (AKA Letters per Word with ASCII)
- Global Unique Words (words only used once): 3646

Top 25 Global Words When Filtered

Occurrence	Word
1318	information
1028	air
979	force
628	system
620	management
612	af
548	systems
520	security
419	dod
380	technology
378	mission
362	program
346	defense
331	support
323	requirements
321	operations
313	dodi
303	spectrum
295	command
266	control
261	ensure
256	afi
251	risk
247	cybersecurity
237	network

Top Global Word “information” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
110	chief	information (1318)	technology	351
78	force		system	91
59	dod		systems	79
48	defense		officer	76
37	federal		dominance	56
23	supporting		security	52
21	af		network	43
18	records		assurance	39
17	afi		environment	35
16	dodi		networks	26

Top Global Word “information” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
356	technology
110	chief
101	system
85	systems
78	officer
78	force
65	dod
56	security
56	dominance
51	network

Top Global Word “air” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
78	department	air (1028)	force	934
59	secretary		national	22
44	afi		combat	16
27	headquarters		space	9
24	accordance		forces	9
20	support		mobility	6
19	afman		operations	4
17	states		education	4
16	force		staff	3
14	dod		university	2

Top Global Word “air” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
950	force
78	department
59	secretary
44	afi
27	headquarters
25	national
24	accordance
20	support
19	afman
17	states

Top Global Word “force” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
934	air	force (979)	information	78
18	space		instruction	41
6	joint		enterprise	34
4	task		policy	30
2	rules		records	27
2	oversight		spectrum	21
2	future		chief	21
2	distributed		manual	18
1	total		reserve	17
1	operations		network	17

Top Global Word “force” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
950	air
78	information
41	instruction
34	enterprise
33	space
30	policy
27	records
21	spectrum
21	chief
18	manual

Top Global Word “system” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
91	information	system (628)	security	23
40	management		business	19
22	business		mars	13
20	acquisition		level	13
18	weapon		enclave	12
17	security		information	10
16	radio		acquisition	10
16	development		owner	9
11	communications		network	9
9	guest		life	9

Top Global Word “system” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
101	information
41	management
41	business
40	security
30	acquisition
18	weapon
18	development
16	radio
15	level
15	communications

Top Global Word “management” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
76	portfolio	management (620)	framework	43
72	risk		system	40
43	spectrum		capital	39
23	program		office	27
23	information		records	23
21	cycle		council	11
19	forms		electromagnetic	10
18	afman		budget	10
17	financial		process	9
15	governance		information	9

Top Global Word “management” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
77	portfolio
74	risk
44	spectrum
43	framework
41	system
39	capital
37	office
36	records
32	information
27	program

File Information: Sorted by Most Words

File	Words	Pages	Top Word	NR, Filtered	Unique Words
afi17-101	18790	52	security	1542	1006782
afi17-210	14304	48	pwcs	1631	733749
afi17-140	13191	37	architecture	1495	812922
afi17-110	11160	33	information	1248	694782
afi17-203	9226	28	incident	1335	326620
afi17-130	7512	21	information	1131	636755
dafi17-220	6691	17	spectrum	937	231466
afi17-213	5853	19	mss	929	363708
afi17-201	5682	15	orders	876	302803
afi17-221	5420	16	interference	970	238422
afpd17-1	5201	15	information	877	210260
dafpd17-2	4183	11	force	664	199410

Breakout Information Per File: afi17-101.pdf

- Total Words: 18790
- Total Pages: 52
- Total Words After Filter: 10181
- Percent of Words Removed: 45.8200%
- SHA256 of afi17-101.pdf: 10a50aa6449e73f6cfa744f26d4b86322e5bd83aa63611105f62990751f421e1

Top 25 Words

Occurrences	Word
251	security
230	information
173	system
168	af
141	rmf
139	air
137	risk
135	ao
134	force
119	cybersecurity
114	systems
106	controls
98	management
83	authorization
73	dodi
73	dod
71	saf
62	program
60	control
56	pm
53	process
53	guidance
52	assessment
51	mission
50	ensure

Top afi17-101 Word “security” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
24	information	security (251)	controls	62
14	national		control	25
13	system		officer	17
11	systems		plan	10
9	agent		requirements	9
8	applicable		authorization	9
4	assess		technical	8
3	select		systems	8
3	sca		privacy	8
3	reports		engineering	8

Top afi17-101 Word “security” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
65	controls
27	control
25	information
19	systems
19	system
17	officer
14	national
12	plan
11	requirements
10	technical

Top afi17-101 Word “information” [2/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
25	chief	information (230)	technology	39
18	force		system	33
15	federal		systems	28
8	defense		security	24
7	platform		officer	16
7	dod		assurance	16
5	transfer		networks	8
5	records		network	8
4	type		management	7
4	fiar		references	4

Top afi17-101 Word “information” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
39	technology
33	system
30	systems
25	security
25	chief
18	force
17	officer
16	assurance
15	federal
9	management

Top afi17-101 Word “system” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
33	information	system (173)	security	13
8	guest		enclave	10
6	security		level	9
6	rmf		environment	7
5	pit		acquisition	6
5	organizational		owner	5
5	management		designations	5
4	risk		administrator	5
4	authorize		add	5
3	organizations		owners	4

Top afi17-101 Word “system” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
33	information
19	security
11	enclave
10	level
8	guest
8	acquisition
7	rmf
7	pit
7	environment
6	controls

Top afi17-101 Word “af” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
11	dod	af (168)	rmf	19
4	submitted		enterprise	19
4	found		cybersecurity	15
4	ensures		mil	6
4	authorized		space	5
3	rmf		systems	4
3	emass		information	4
3	controls		wide	3
3	chapter		sponsor	3
3	atc		ao	3

Top afi17-101 Word “af” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
22	rmf
19	enterprise
15	cybersecurity
11	dod
7	mil
6	systems
6	ao
5	space
5	chapter
4	submitted

Top afi17-101 Word “rmf” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
19	af	rmf (141)	ks	22
16	framework		knowledge	9
11	daf		process	7
6	mil		collaboration	7
6	force		system	6
6	chapter		package	5
5	afnet		inheritance	5
4	niprnet		implementation	5
4	dod		roles	4
3	support		methodology	4

Top afi17-101 Word “rmf” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
22	ks
22	af
16	framework
11	daf
9	knowledge
7	system
7	process
7	collaboration
6	mil
6	force

Breakout Information Per File: afi17-110.pdf

- Total Words: 11160
- Total Pages: 33
- Total Words After Filter: 6632
- Percent of Words Removed: 40.5800%
- SHA256 of afi17-110.pdf: ed1dde4bc8befd2b5ca9358ea911e8cf822be4f1c84cbce033087660b5074d1f

Top 25 Words

Occurrences	Word
337	information
226	technology
142	management
138	air
135	investment
133	force
123	portfolio
109	mission
99	dod
99	business
85	systems
85	area
84	system
76	defense
72	planning
71	investments
71	control
58	program
55	support
53	capital
46	saf
46	acquisition
44	processes
42	intelligence
37	chief

Top afi17-110 Word “information” [1/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
25	chief	information (337)	technology	221
18	dod		environment	21
17	force		officer	17
8	business		dominance	17
7	defense		systems	7
7	cyberspace		categorized	6
6	enterprise		system	5
6	control		network	4
5	system		enterprise	3
5	ensure		dod	3

Top afi17-110 Word “information” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
223	technology
25	chief
22	environment
21	dod
17	officer
17	force
17	dominance
11	categorized
10	systems
10	system

Top afi17-110 Word “technology” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
221	information	technology (226)	investment	50
1	shelf		investments	45
1	science		portfolio	36
1	functionality		governance	12
1	commercial		budget	8
1	areas		portfolios	7
			7 compliance	
			5 systems	
			3 resources	
			3 national	

Top afi17-110 Word “technology” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
223	information
50	investment
45	investments
36	portfolio
12	governance
8	budget
7	portfolios
7	compliance
5	systems
3	resources

Top afi17-110 Word “management” [3/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
54	portfolio	management (142)	capital	31
9	financial		system	11
6	office		systems	8
5	records		budget	6
4	risk		process	4
4	resource		framework	4
3	program		comptroller	4
3	investment		department	3
3	earned		stakeholders	2
3	cycle		saf	2

Top afi17-110 Word “management” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
54	portfolio
31	capital
11	system
9	systems
9	financial
7	records
6	office
6	budget
5	risk
5	chief

Top afi17-110 Word “air” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
15	secretary	air (138)	force	130
10	support		national	2
8	dod		forces	2
5	systems		space	1
5	accordance		mobility	1
4	headquarters		education	1
3	processes		combat	1
3	plan			
2	states			
2	secretariat			

Top afi17-110 Word “air” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
131	force
15	secretary
10	support
8	dod
5	systems
5	accordance
4	headquarters
3	processes
3	plan
2	states

Top afi17-110 Word “investment” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
53	planning	investment (135)	control	52
50	technology		solution	5
6	return		portfolio	5
2	system		portal	5
1	unique		support	3
1	terminate		selection	3
1	tailored		review	3
1	supporting		management	3
1	set		information	3
1	retired		decisions	3

Top afi17-110 Word “investment” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
55	planning
52	control
50	technology
6	return
6	portfolio
6	portal
5	solution
4	management
4	decisions
3	support

Breakout Information Per File: afi17-130.pdf

- Total Words: 7512
- Total Pages: 21
- Total Words After Filter: 4362
- Percent of Words Removed: 41.9400%
- SHA256 of afi17-130.pdf: 196ab0da4a77008818b0e30faf82e2f008a494af269a8c3916c88631a64b483e

Top 25 Words

Occurrences	Word
153	information
83	cybersecurity
82	security
73	program
72	air
68	force
66	management
48	risk
44	system
37	cyber
35	reference
32	systems
32	nist
30	mission
30	dod
29	defense
28	sp
28	procedures
28	network
28	february
28	afi
27	dodi
26	incident
24	technology
24	office

Top afi17-130 Word “information” [1/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
17	chief	information (153)	system	25
16	force		technology	22
12	dod		security	20
10	federal		systems	15
6	defense		officer	10
3	af		network	9
2	unclassified		dominance	4
2	supporting		assurance	4
2	national		february	3
2	marking		public	2

Top afi17-130 Word “information” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
26	system
22	technology
20	security
17	chief
16	force
15	systems
12	dod
11	officer
10	network
10	federal

Top afi17-130 Word “cybersecurity” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
8	wing	cybersecurity (83)	program	22
4	force		risk	8
3	nist		office	8
3	majcom		framework	8
2	responsible		workforce	3
2	instruction		threats	2
2	dodi		technical	2
2	chapter		service	2
2	afman		activities	2
1	wide		training	1

Top afi17-130 Word “cybersecurity” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
23	program
8	wing
8	risk
8	office
8	framework
4	force
3	workforce
3	threats
3	technical
3	nist

Top afi17-130 Word “security” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
20	information	security (82)	program	12
8	national		officer	5
8	computer		manager	5
7	system		compusec	5
4	communications		standards	4
3	stig		procedures	3
3	homeland		comsec	3
3	cyber		technical	2
2	sp		systems	2
2	rev		risk	2

Top afi17-130 Word “security” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
20	information
12	program
8	system
8	national
8	computer
5	officer
5	manager
5	compusec
4	standards
4	communications

Top afi17-130 Word “program” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
22	cybersecurity	program (73)	manager	6
12	security		protection	4
5	iso		management	3
4	threat		lifecycle	3
2	liberties		wing	2
2	improvement		require	2
2	handling		purchases	2
2	category		overview	2
2	afpam		organization	2
2	accreditation		marking	2

Top afi17-130 Word “program” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
23	cybersecurity
12	security
6	manager
5	iso
4	threat
4	protection
3	management
3	maintain
3	lifecycle
2	wing

Top afi17-130 Word “air” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
5	headquarters	air (72)	force	67
5	afi		space	3
4	secretary		university	2
3	afman			
2	rmf			
2	protect			
2	processes			
2	mpto			
2	doctrine			
2	compromised			

Top afi17-130 Word “air” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
68	force
5	headquarters
5	afi
4	secretary
3	space
3	afman
2	university
2	rmf
2	protect
2	processes

Breakout Information Per File: afi17-140.pdf

- Total Words: 13191
- Total Pages: 37
- Total Words After Filter: 7282
- Percent of Words Removed: 44.8000%
- SHA256 of afi17-140.pdf: 7c076e058bd0f3058678f9ccd643cf59b31f37aab9024e2fbc4d11efc33a753e

Top 25 Words

Occurrences	Word
210	architecture
174	air
167	force
145	information
111	data
105	interoperability
86	enterprise
82	system
82	dod
80	architectures
78	requirements
71	mission
64	systems
56	management
55	support
54	program
54	level
51	isp
49	development
48	chief
47	joint
47	dodi
44	guidance
41	afea
40	june

Top afi17-140 Word “architecture” [1/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
43	enterprise	architecture (210)	data	30
15	level		framework	10
13	solution		development	10
8	reference		practice	6
7	data		consumer	6
6	dod		afea	6
5	defines		version	5
3	target		steward	5
3	segment		ea	5
3	force		supports	3

Top afi17-140 Word “architecture” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
45	enterprise
37	data
16	level
15	solution
12	framework
10	development
9	reference
8	consumer
7	defines
6	practice

Top afi17-140 Word “air” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
5	guidance	air (174)	force	166
4	secretary		national	3
4	dod		space	1
3	services		ground	1
3	schedule			
3	interoperability			
3	architectures			
3	afr			
3	afman			
3	afi			

Top afi17-140 Word “air” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
167	force
5	guidance
4	secretary
4	dod
3	services
3	schedule
3	national
3	interoperability
3	architectures
3	afr

Top afi17-140 Word “force” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
166	air		enterprise	18
1	future		chief	14
			7 interoperability	
			6 program	
			5 systems	
			5 representative	
			4 strategic	
			4 records	
			4 information	
			3 unique	

Top afi17-140 Word “force” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
167	air
18	enterprise
14	chief
7	interoperability
6	program
5	systems
5	representative
4	strategic
4	records
4	information

Top afi17-140 Word “information” [4/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
11	chief	information (145)	support	17
10	dod		technology	13
6	processing		officer	8
6	exchange		enterprise	8
5	program		dominance	8
5	enterprise		system	6
5	data		grid	4
4	interoperability		environment	4
4	global		elements	4
4	force		assets	4

Top afi17-140 Word “information” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
17	support
16	technology
13	enterprise
11	dod
11	chief
9	exchange
8	officer
8	dominance
6	system
6	processing

Top afi17-140 Word “data” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
30	architecture	data (111)	architecture	7
9	authoritative		sources	6
8	chief		information	5
5	mission		source	4
4	exchange		officers	4
3	tactical		officer	4
3	processes		technology	3
2	world		requirements	3
2	simulated		driven	3
2	exporting		analysis	3

Top afi17-140 Word “data” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
37	architecture
9	authoritative
8	chief
6	sources
6	mission
5	source
5	information
5	exchange
4	requirements
4	officers

Breakout Information Per File: afi17-201.pdf

- Total Words: 5682
- Total Pages: 15
- Total Words After Filter: 3288
- Percent of Words Removed: 42.1400%
- SHA256 of afi17-201.pdf: a4a39184003b07fc1350cb1d9de23d71510da54583c330191a4cd0429195c544

Top 25 Words

Occurrences	Word
92	orders
74	af
53	cyber
50	force
49	air
45	operations
42	oc
42	network
40	information
33	cc
29	command
27	afin
26	defense
25	systems
25	support
25	operational
25	compliance
23	uscybercom
23	majcom
22	relief
22	control
22	communications
21	security
21	commander
20	issued

Top afi17-201 Word “orders” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
42	cyber	orders (92)	issued	14
7	relief		granted	5
6	compliance		achieved	5
5	uscybercom		oc	3
4	technical		needed	3
3	tasking		inability	3
2	types		flow	3
2	issues		due	3
1	vulnerabilities		af	3
1	valid		required	2

Top afi17-201 Word “orders” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
42	cyber
14	issued
8	relief
6	compliance
5	uscybercom
5	granted
5	achieved
4	technical
3	tasking
3	oc

Top afi17-201 Word “af” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
3	orders	af (74)	cyber	7
2	term		cc	6
2	support		ctos	5
2	representative		form	3
2	opr		network	2
2	impact		joint	2
2	figure		gig	2
2	delegated		forces	2
2	commander		component	2
2	cc		uscybercom	1

Top afi17-201 Word “af” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
8	cc
7	cyber
5	ctos
3	orders
3	form
2	uscybercom
2	term
2	support
2	representative
2	opr

Top afi17-201 Word “cyber” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
7	af	cyber (53)	orders	42
3	comply		command	3
3	compliance		tasking	2
3	completion		events	2
2	track		mission	1
2	states		event	1
2	relief		control	1
2	implementing		capabilities	1
2	impacts			
2	applicable			

Top afi17-201 Word “cyber” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
42	orders
7	af
3	comply
3	compliance
3	completion
3	command
2	track
2	tasking
2	states
2	relief

Top afi17-201 Word “force” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
44	air		information	4
4	joint		underlying	3
1	task		network	3
1	rules		component	3
	force		3 air	
	(50)		2 process	
			2 policy	
			2 organization	
			2 operational	
			2 instruction	

Top afi17-201 Word “force” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
47	air
4	joint
4	information
3	underlying
3	network
3	component
2	process
2	policy
2	organization
2	operational

Top afi17-201 Word “air” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
5	afi	air (49)	force	44
3	force		national	2
3	commander		operations	1
2	set		forces	1
2	secretary		component	1
2	numbered			
2	fourth			
2	enables			
2	designated			
2	afrc			

Top afi17-201 Word “air” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
47	force
5	afi
3	commander
2	set
2	secretary
2	numbered
2	national
2	fourth
2	enables
2	designated

Breakout Information Per File: afi17-203.pdf

- Total Words: 9226
- Total Pages: 28
- Total Words After Filter: 5106
- Percent of Words Removed: 44.6600%
- SHA256 of afi17-203.pdf: 147fa53787f6d7fb66ef48b40daeae8de689f7189b3cbfdab3f61d84793f898

Top 25 Words

Occurrences	Word
115	incident
102	information
77	af
65	operations
60	network
55	air
53	system
45	analysis
44	systems
44	force
39	security
38	cyber
38	activity
37	networks
35	march
34	defense
34	cyberspace
34	command
32	actions
31	data
29	response
29	incidents
27	events
27	event
27	access

Top afi17-203 Word “incident” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
11	cyber	incident (115)	handling	24
6	post		analysis	15
6	event		report	8
5	table		reports	3
4	impact		reporting	3
2	technicians		management	3
2	security		event	3
2	root		ensure	3
2	resolve		response	2
2	reports		occurring	2

Top afi17-203 Word “incident” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
24	handling
17	analysis
11	cyber
9	event
8	report
6	table
6	post
5	reports
4	impact
3	response

Top afi17-203 Word “information” [2/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
5	force	information (102)	system	8
4	identifiable		technology	7
4	dod		systems	7
4	defense		networks	6
4	af		network	5
3	provide		protection	4
3	additional		operations	4
2	system		assurance	4
2	supporting		sharing	3
2	oversight		unauthorized	2

Top afi17-203 Word “information” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
10	system
8	systems
8	networks
7	technology
6	network
5	protection
5	operations
5	force
4	identifiable
4	dod

Top afi17-203 Word “af” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
2	uscybercom	af (77)	networks	7
2	sole		network	5
2	role		information	4
2	oc		form	3
2	incidents		dod	3
2	defense		cyberspace	3
2	attachment		records	2
2	accordance		intelligence	2
1	threats		inspector	2
1	systems		designated	2

Top afi17-203 Word “af” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
8	networks
5	network
4	information
4	form
3	dod
3	designated
3	cyberspace
2	uscybercom
2	sole
2	role

Top afi17-203 Word “operations” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
20	dodin	operations (65)	squadron	4
14	cyberspace		security	3
8	network		operational	3
4	information		march	3
2	march		risk	2
2	impact		io	2
2	cyber		intended	2
1	worldwide		dco	2
1	staff		coa	2
1	plans		center	2

Top afi17-203 Word “operations” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
20	dodin
15	cyberspace
8	network
5	march
5	information
4	squadron
3	security
3	operational
3	dco
3	cyber

Top afi17-203 Word “network” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
11	computer	network (60)	operations	8
5	information		defense	7
5	af		events	4
4	system		attack	3
2	nos		technicians	2
1	utilizing		intrusion	2
1	unauthorized		intelligence	2
1	today		device	2
1	systems		afin	2
1	staff		unauthorized	1

Top afi17-203 Word “network” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
11	computer
8	operations
7	defense
6	information
5	af
4	system
4	events
3	attack
2	unauthorized
2	technicians

Breakout Information Per File: afi17-210.pdf

- Total Words: 14304
- Total Pages: 48
- Total Words After Filter: 7745
- Percent of Words Removed: 45.8600%
- SHA256 of afi17-210.pdf: 50e13b9247e84460f732aeac47a45663b78fa80a67027f1dd569c8e278aff3ea

Top 25 Words

Occurrences	Word
115	pwcs
112	af
102	mars
94	information
90	system
88	air
74	force
69	management
68	requirements
68	communications
62	afi
60	radio
59	support
56	call
53	systems
47	training
47	equipment
46	base
44	operations
43	lmr
41	waveform
41	frequency
40	security
40	procedures
37	program

Top afi17-210 Word “pwcs” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
8	reportable	pwcs (115)	assets	17
7	unit		manager	9
7	majcom		equipment	9
7	base		managers	7
6	af		eco	6
3	systems		requirements	5
3	planning		organizational	4
2	usaf		replacement	3
2	system		maintenance	3
2	solutions		lead	3

Top afi17-210 Word “pwcs” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
17	assets
9	manager
9	equipment
8	reportable
8	eco
7	unit
7	managers
7	majcom
7	base
6	af

Top afi17-210 Word “af” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
16	chief	af (112)	mars	53
3	mars		form	14
3	guidance		moi	7
3	attachment		pwcs	6
2	requirements		mil	5
2	requests		activities	3
2	operations		smo	2
2	managing		military	2
2	headquarters		installation	2
2	governing		worldwide	1

Top afi17-210 Word “af” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
56	mars
16	chief
14	form
7	moi
6	pwcs
5	mil
3	smo
3	guidance
3	ensure
3	attachment

Top afi17-210 Word “mars” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
53	af	mars (102)	stations	6
11	system		membership	6
4	service		program	5
3	form		chief	5
2	state		members	4
2	required		support	3
2	pwcs		disaster	3
2	installation		directors	3
1	validate		af	3
1	systems		responsibilities	2

Top afi17-210 Word “mars” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
56	af
11	system
6	stations
6	program
6	membership
5	service
5	chief
4	members
3	support
3	general

Top afi17-210 Word “information” [4/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
7	chief	information (94)	technology	11
5	defense		assurance	7
5	afi		systems	6
4	global		system	6
4	federal		officer	6
4	communications		grid	4
3	supporting		collections	4
3	inspection		attachment	4
3	force		dominance	3
2	telecommunications		provided	2

Top afi17-210 Word “information” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
11	technology
8	system
7	chief
7	assurance
6	systems
6	officer
5	defense
5	collections
5	afi
4	national

Top afi17-210 Word “system” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
13	radio	system (90)	mars	11
8	management		users	2
7	hf		pwcs	2
7	communications		network	2
6	information		national	2
4	planning		mission	2
3	star		manual	2
3	point		manager	2
3	acquisition		integrity	2
2	tlmr		information	2

Top afi17-210 Word “system” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
13	radio
11	mars
9	communications
8	management
8	information
7	hf
4	planning
4	acquisition
3	star
3	point

Breakout Information Per File: afi17-213.pdf

- Total Words: 5853
- Total Pages: 19
- Total Words After Filter: 3415
- Percent of Words Removed: 41.6600%
- SHA256 of afi17-213.pdf: 4c0c2e28373fec73b50d16fc330212e9f6916a1b922cb6f5219d4d624098f018

Top 25 Words

Occurrences	Word
111	mss
73	air
72	force
54	satcom
52	communications
48	majcom
42	satellite
41	manager
36	information
32	systems
32	management
31	requirements
30	unit
30	service
27	foa
26	dru
25	commercial
24	assets
23	iridium
22	managers
22	installation
22	equipment
22	dodi
22	dod
20	services

Top afi17-213 Word “mss” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
18	unit	mss (111)	manager	30
13	majcom		managers	19
13	installation		equipment	6
10	dru		assets	6
6	force		database	5
4	requirements		sharepoint	4
3	inventory		service	4
2	tcoss		requirements	4
2	system		devices	4
2	services		systems	3

Top afi17-213 Word “mss” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
32	manager
19	managers
18	unit
14	majcom
13	installation
10	dru
8	requirements
6	force
6	equipment
6	assets

Top afi17-213 Word “air” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
2	serves	air (73)	force	72
2	secretary		national	1
2	reconcile			
2	mhq			
2	instruction			
2	infrastructure			
2	iaw			
2	behalf			
2	aspx			
1	waivers			

Top afi17-213 Word “air” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
73	force
2	serves
2	secretary
2	reconcile
2	mhq
2	instruction
2	infrastructure
2	iaw
2	behalf
2	aspx

Top afi17-213 Word “force” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
72	air		mss	6
			4 foa	
			3 satcom	
			3 level	
	force		3 information	
	(72)		2 space	
			2 records	
			2 policy	
			2 pentagon	
			2 packages	

Top afi17-213 Word “force” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
73	air
6	mss
4	foa
3	satcom
3	level
3	information
2	space
2	records
2	policy
2	pentagon

Top afi17-213 Word “satcom” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
9	commercial	satcom (54)	requirements	6
5	communications		systems	4
3	operating		panel	3
3	joint		infrastructure	3
3	force		database	3
3	afin		terminals	2
2	security		services	2
2	sdb		service	2
2	assessments		roadmaps	2
1	uhf		related	2

Top afi17-213 Word “satcom” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
9	commercial
6	requirements
5	communications
4	systems
3	sdb
3	panel
3	operating
3	joint
3	infrastructure
3	force

Top afi17-213 Word “communications” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
23	satellite	communications (52)	information	7
3	data		systems	5
2	terrestrial		satcom	5
2	system		management	4
2	radio		system	2
2	base		resource	2
1	wireless		device	2
1	terms		company	2
1	simplex		capability	2
1	responsibility		unit	1

Top afi17-213 Word “communications” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
23	satellite
7	information
5	systems
5	satcom
5	management
4	system
3	data
2	terrestrial
2	resource
2	radio

Breakout Information Per File: afi17-221.pdf

- Total Words: 5420
- Total Pages: 16
- Total Words After Filter: 3064
- Percent of Words Removed: 43.4700%
- SHA256 of afi17-221.pdf: 498e3751df9ad6a6712d90ae4355496f8ea59433af9fd4003f269f7c6cd4e6cb

Top 25 Words

Occurrences	Word
163	interference
62	electromagnetic
44	spectrum
42	air
37	equipment
36	force
31	frequency
29	resolution
25	information
24	joint
22	command
21	reporting
21	dod
21	determine
21	assistance
20	afsmo
19	management
19	jsir
18	resolve
17	report
17	include
17	af
16	technical
16	program
16	local

Top afi17-221 Word “interference” [1/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
36	electromagnetic	interference (163)	resolution	19
18	spectrum		problems	11
12	resolve		reports	7
5	determine		reduction	5
5	affected		incidents	4
4	fix		suspected	3
4	compatibility		reported	3
3	source		lowest	3
3	experiencing		include	3
2	reported		time	2

Top afi17-221 Word “interference” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
38	electromagnetic
20	resolution
19	spectrum
12	resolve
11	problems
8	reports
6	determine
6	affected
5	source
5	reported

Top afi17-221 Word “electromagnetic” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
5	resolve	electromagnetic (62)	interference	36
3	dod		compatibility	11
2	support		environmental	6
2	resolution		vulnerability	1
2	reporting		spectrumdependent	1
2	jp		radiation	1
2	interference		pulse	1
2	ensure		measurement	1
1	vulnerability		inference	1
1	valid		environment	1

Top afi17-221 Word “electromagnetic” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
38	interference
12	compatibility
6	environmental
5	resolve
3	dod
2	vulnerability
2	support
2	resolution
2	reporting
2	measurement

Top afi17-221 Word “spectrum” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
13	joint	spectrum (44)	interference	18
7	force		management	9
4	installation		manager	4
3	majcom		center	4
2	command		managers	3
1	validate		analyzer	2
1	users		users	1
1	smo		support	1
1	respective		operate	1
1	range		certification	1

Top afi17-221 Word “spectrum” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
19	interference
13	joint
9	management
7	force
4	manager
4	installation
4	center
3	managers
3	majcom
2	users

Top afi17-221 Word “air” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
3	national	air (42)	force	35
2	numbered		space	3
2	interference		national	2
2	force		operations	1
2	commander		assets	1
2	afsmo			
2	afi			
2	accordance			
1	units			
1	submitting			

Top afi17-221 Word “air” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
37	force
5	national
3	space
2	numbered
2	interference
2	commander
2	afsmo
2	afi
2	accordance
1	units

Top afi17-221 Word “equipment” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
2	rf	equipment (37)	systems	4
2	operational		design	3
2	ensure		malfunction	2
2	electronic		maintenance	2
2	actions		turned	1
1	test		thermostat	1
1	telecommunication		spark	1
1	techniques		sensitivity	1
1	systems		review	1
1	spectrumdependent		required	1

Top afi17-221 Word “equipment” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
5	systems
4	design
2	rf
2	payload
2	operational
2	malfunction
2	maintenance
2	ensure
2	electronic
2	contact

Breakout Information Per File: afpd17-1.pdf

- Total Words: 5201
- Total Pages: 15
- Total Words After Filter: 3082
- Percent of Words Removed: 40.7500%
- SHA256 of afpd17-1.pdf: 6f2b6762b844f357c67be021b6f8ee002552a6342f4c67c10acc8e0cde60aab0

Top 25 Words

Occurrences	Word
102	information
69	af
57	cyberspace
48	management
36	defense
33	dodi
32	systems
28	capabilities
28	afpd
27	system
27	governance
26	force
25	saf
25	mission
25	cio
25	air
24	technology
24	security
23	dod
22	intelligence
22	chief
21	baseline
20	dodd
19	requirements
19	national

Top afpd17-1 Word “information” [1/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
12	chief	information (102)	technology	23
8	af		dominance	13
5	federal		officer	8
5	dodi		environment	6
3	dod		system	5
3	cyberspace		resources	5
2	section		network	4
2	records		security	3
2	platform		optimize	3
2	pentagon		management	3

Top afpd17-1 Word “information” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
23	technology
13	dominance
12	chief
8	officer
8	af
6	environment
6	dodi
5	system
5	resources
5	network

Top afpd17-1 Word “af” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
2	establishes	af (69)	information	8
2	ensure		policy	4
2	accordance		infrastructure	3
1	terms		cyberspace	3
1	systems		records	2
1	supporting		operational	2
1	solutions		form	2
1	set		develop	2
1	services		cyber	2
1	secure		core	2

Top afpd17-1 Word “af” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
8	information
5	policy
4	infrastructure
3	cyberspace
2	records
2	operational
2	joint
2	form
2	establishes
2	ensure

Top afpd17-1 Word “cyberspace” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
10	participate	cyberspace (57)	governance	13
3	af		capabilities	11
2	requirements		superiority	5
2	ensure		investments	4
2	develop		requirements	3
1	vetting		operations	3
1	users		information	3
1	systems		workforce	2
1	supporting		programs	2
1	support		infrastructure	2

Top afpd17-1 Word “cyberspace” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
13	governance
11	capabilities
10	participate
5	superiority
5	requirements
4	operations
4	investments
3	infrastructure
3	information
3	af

Top afpd17-1 Word “management” [4/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
9	portfolio	management (48)	officer	5
5	chief		act	3
4	governance		system	2
3	security		records	2
3	information		implementation	2
2	workforce		framework	2
2	risk		federal	2
2	office		dodd	2
2	financial		department	2
2	dodd		budget	2

Top afpd17-1 Word “management” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
10	portfolio
5	officer
5	chief
4	information
4	governance
4	dodd
3	security
3	act
2	workforce
2	system

Top afpd17-1 Word “defense” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
9	department	defense (36)	intelligence	6
3	national		business	5
3	integrated		acquisition	5
3	dodi		authorization	3
2	secretary		national	2
2	operation		information	2
2	dodd		biometrics	2
1	sponsor		role	1
1	services		october	1
1	required		measures	1

Top afpd17-1 Word “defense” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
9	department
6	intelligence
5	national
5	business
5	acquisition
3	integrated
3	dodi
3	dodd
3	authorization
2	secretary

Breakout Information Per File: dafi17-220.pdf

- Total Words: 6691
- Total Pages: 17
- Total Words After Filter: 3646
- Percent of Words Removed: 45.5100%
- SHA256 of dafi17-220.pdf: 11ac057660043470471bc8cb0e32e89bacf1ed2dbce2a76bd8df33863d32354d

Top 25 Words

Occurrences	Word
186	spectrum
100	electromagnetic
95	frequency
76	air
66	force
54	accordance
53	department
49	command
44	operations
43	ntia
40	systems
38	management
34	radio
33	manual
32	manager
32	installation
29	dependent
27	dodi
26	states
26	ensure
25	united
25	national
23	afi
22	support
22	provide

Top dafi17-220 Word “spectrum” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
44	electromagnetic	spectrum (186)	dependent	29
16	installation		manager	25
11	force		operations	22
5	frequency		management	20
5	command		supportability	12
4	provide		certification	10
4	ensure		xxi	4
4	base		guidance	4
3	obtain		concept	3
2	unit		certifications	3

Top dafi17-220 Word “spectrum” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
44	electromagnetic
29	dependent
26	manager
23	operations
20	management
16	installation
12	supportability
11	force
11	certification
5	provide

Top daf17-220 Word “electromagnetic” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
4	management	electromagnetic (100)	spectrum	44
4	control		radiation	8
3	provide		environmental	8
3	operations		attack	7
3	managing		compatibility	6
3	manage		operational	4
3	jp		warfare	3
3	joint		interference	3
3	force		environment	3
2	june		field	2

Top daf17-220 Word “electromagnetic” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
44	spectrum
8	radiation
8	environmental
8	compatibility
7	attack
5	operational
4	management
4	interference
4	control
3	warfare

Top dafi17-220 Word “frequency” [3/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
22	radio	frequency (95)	assignment	15
7	area		assignments	8
4	obtain		spectrum	5
3	obtaining		requirements	5
3	ensure		management	5
2	update		coordinator	5
2	submit		channel	5
2	standard		support	4
2	records		resource	4
2	pub		radio	4

Top dafi17-220 Word “frequency” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
26	radio
15	assignment
8	assignments
7	area
6	requirements
5	spectrum
5	management
5	coordinator
5	channel
4	support

Top dafi17-220 Word “air” [4/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
37	department	air (76)	force	62
8	headquarters		national	4
3	command		mobility	4
3	afi		combat	4
2	temporary		patrol	1
2	numbered		component	1
2	guard			
1	support			
1	states			
1	secretary			

Top dafi17-220 Word “air” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
63	force
37	department
8	headquarters
4	national
4	mobility
4	combat
3	command
3	afi
2	temporary
2	numbered

Top dafi17-220 Word “force” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
62	air		spectrum	11
4	space		policy	5
			5 instruction	
			4 reserve	
	force		3 electromagnetic	
	(66)		2 records	
			2 real	
			2 mission	
			2 materiel	
			2 inspection	

Top dafi17-220 Word “force” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
63	air
11	spectrum
5	policy
5	instruction
4	space
4	reserve
3	electromagnetic
2	records
2	real
2	mission

Breakout Information Per File: dafpd17-2.pdf

- Total Words: 4183
- Total Pages: 11
- Total Words After Filter: 2452
- Percent of Words Removed: 41.3900%
- SHA256 of dafpd17-2.pdf: 6931f6eb882f9b3d0f89c027904e02f66bebb163887eb9f826e0a5229a6ba645

Top 25 Words

Occurrences	Word
109	force
97	air
68	operations
49	cyberspace
47	cyber
46	dodi
44	department
38	information
36	command
32	warfare
30	defense
25	policy
23	jp
22	mission
22	communications
20	capabilities
18	support
18	space
17	united
17	systems
17	states
17	management
17	guidance
17	forces
17	directive

Top dafpd17-2 Word “force” [1/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
86	air	force (109)	office	9
12	space		policy	8
2	oversight		mission	5
1	task		information	5
1	operations		core	4
1	operational		space	3
1	mission		instruction	3
1	joint		enterprise	3
1	global		development	3
1	future		cyber	3

Top dafpd17-2 Word “force” [1/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
86	air
15	space
9	office
8	policy
6	mission
5	information
4	core
3	instruction
3	enterprise
3	development

Top dafpd17-2 Word “air” [2/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
26	department	air (97)	force	86
4	secretary		combat	3
4	headquarters		operations	2
3	command		expeditionary	2
2	support		space	1
2	states		maritime	1
2	pursuant		forces	1
2	numbered		forceapproved	1
2	management			
2	law			

Top dafpd17-2 Word “air” [2/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
86	force
26	department
4	secretary
4	headquarters
3	command
3	combat
2	support
2	states
2	pursuant
2	operations

Top dafpd17-2 Word “operations” [3/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
26	warfare	operations (68)	mission	4
6	cyberspace		capabilities	4
4	military		af	4
3	information		july	3
3	effects		include	3
2	staff		activities	3
2	investigations		united	2
2	conduct		law	2
2	communications		intelligence	2
2	air		undertaken	1

Top dafpd17-2 Word “operations” [3/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
26	warfare
6	cyberspace
4	mission
4	military
4	information
4	capabilities
4	af
4	activities
3	july
3	include

Top dafpd17-2 Word “cyberspace” [4/5]: Top 10 Context Words - Before and After Break-out

Occurrences	Word Before	Core Word	Word After	Occurrences
5	jp	cyberspace (49)	operations	6
2	terrain		capabilities	4
2	systems		defense	3
2	october		activities	3
2	force		weapon	2
2	effects		superiority	2
2	actions		orders	2
1	term		operational	2
1	support		exploitation	2
1	requirements		attack	2

Top dafpd17-2 Word “cyberspace” [4/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
6	operations
6	jp
4	defense
4	capabilities
3	force
3	exploitation
3	attack
3	activities
2	weapon
2	terrain

Top dafpd17-2 Word “cyber” [5/5]: Top 10 Context Words - Before and After Breakout

Occurrences	Word Before	Core Word	Word After	Occurrences
3	force	cyber (47)	warfare	26
3	counterintelligence		effects	3
3	conduct		forces	2
2	states		focused	2
2	reconnaissance		command	2
2	management		activities	2
2	jp		training	1
2	forces		test	1
2	execute		related	1
2	command		operational	1

Top dafpd17-2 Word “cyber” [5/5]: Top 10 Context Words - Before and After Combined

Occurrences	Word
26	warfare
4	forces
4	command
3	force
3	effects
3	counterintelligence
3	conduct
2	states
2	reconnaissance
2	management

Appendix 1: Word Filter “Words2Remove”

- Total Words in Filter:572

Word List:

1. –
2. a
3. b
4. c
5. d
6. e
7. f
8. g
9. h
10. i
11. j
12. k
13. l
14. m
15. n
16. o
17. p
18. q
19. r
20. s
21. t
22. u
23. v
24. w
25. x
26. y
27. z
28. a’s
29. able
30. about
31. above

32. according
33. accordingly
34. across
35. actually
36. after
37. afterwards
38. again
39. against
40. ain't
41. all
42. allow
43. allows
44. almost
45. alone
46. along
47. already
48. also
49. although
50. always
51. am
52. among
53. amongst
54. an
55. and
56. another
57. any
58. anybody
59. anyhow
60. anyone
61. anything
62. anyway
63. anyways
64. anywhere
65. apart
66. appear

- 67. appreciate
- 68. appropriate
- 69. are
- 70. aren't
- 71. around
- 72. as
- 73. aside
- 74. ask
- 75. asking
- 76. associated
- 77. at
- 78. available
- 79. away
- 80. awfully
- 81. be
- 82. became
- 83. because
- 84. become
- 85. becomes
- 86. becoming
- 87. been
- 88. before
- 89. beforehand
- 90. behind
- 91. being
- 92. believe
- 93. below
- 94. beside
- 95. besides
- 96. best
- 97. better
- 98. between
- 99. beyond
- 100. both
- 101. brief

- 102. but
- 103. by
- 104. c'mon
- 105. c's
- 106. came
- 107. can
- 108. can't
- 109. cannot
- 110. cant
- 111. cause
- 112. causes
- 113. certain
- 114. certainly
- 115. changes
- 116. clearly
- 117. co
- 118. com
- 119. come
- 120. comes
- 121. concerning
- 122. consequently
- 123. consider
- 124. considering
- 125. contain
- 126. containing
- 127. contains
- 128. corresponding
- 129. could
- 130. couldn't
- 131. course
- 132. currently
- 133. definitely
- 134. described
- 135. despite
- 136. did

- 137. didn't
- 138. different
- 139. do
- 140. does
- 141. doesn't
- 142. doing
- 143. don't
- 144. done
- 145. down
- 146. downwards
- 147. during
- 148. each
- 149. edu
- 150. eg
- 151. eight
- 152. either
- 153. else
- 154. elsewhere
- 155. enough
- 156. entirely
- 157. especially
- 158. et
- 159. etc
- 160. even
- 161. ever
- 162. every
- 163. everybody
- 164. everyone
- 165. everything
- 166. everywhere
- 167. ex
- 168. exactly
- 169. example
- 170. except
- 171. far

- 172. few
- 173. fifth
- 174. first
- 175. five
- 176. followed
- 177. following
- 178. follows
- 179. for
- 180. former
- 181. formerly
- 182. forth
- 183. four
- 184. from
- 185. further
- 186. furthermore
- 187. get
- 188. gets
- 189. getting
- 190. given
- 191. gives
- 192. go
- 193. goes
- 194. going
- 195. gone
- 196. got
- 197. gotten
- 198. greetings
- 199. had
- 200. hadn't
- 201. happens
- 202. hardly
- 203. has
- 204. hasn't
- 205. have
- 206. haven't

207. having
208. he
209. he's
210. hello
211. help
212. hence
213. her
214. here
215. here's
216. hereafter
217. hereby
218. herein
219. hereupon
220. hers
221. herself
222. hi
223. him
224. himself
225. his
226. hither
227. hopefully
228. how
229. howbeit
230. however
231. i'd
232. i'll
233. i'm
234. i've
235. ie
236. if
237. ignored
238. immediate
239. in
240. inasmuch
241. inc

242. indeed
243. indicate
244. indicated
245. indicates
246. inner
247. insofar
248. instead
249. into
250. inward
251. is
252. isn't
253. it
254. it'd
255. it'll
256. it's
257. its
258. itself
259. just
260. keep
261. keeps
262. kept
263. know
264. known
265. knows
266. last
267. lately
268. later
269. latter
270. latterly
271. least
272. less
273. lest
274. let
275. let's
276. like

277. liked
278. likely
279. little
280. look
281. looking
282. looks
283. ltd
284. mainly
285. many
286. may
287. maybe
288. me
289. mean
290. meanwhile
291. merely
292. might
293. more
294. moreover
295. most
296. mostly
297. much
298. must
299. my
300. myself
301. name
302. namely
303. nd
304. near
305. nearly
306. necessary
307. need
308. needs
309. neither
310. never
311. nevertheless

312. new
313. next
314. nine
315. no
316. nobody
317. non
318. none
319. noone
320. nor
321. normally
322. not
323. nothing
324. novel
325. now
326. nowhere
327. obviously
328. of
329. off
330. often
331. oh
332. ok
333. okay
334. old
335. on
336. once
337. one
338. ones
339. only
340. onto
341. or
342. other
343. others
344. otherwise
345. ought
346. our

347. ours
348. ourselves
349. out
350. outside
351. over
352. overall
353. own
354. particular
355. particularly
356. per
357. perhaps
358. placed
359. please
360. plus
361. possible
362. presumably
363. probably
364. provides
365. que
366. quite
367. qv
368. rather
369. rd
370. re
371. really
372. reasonably
373. regarding
374. regardless
375. regards
376. relatively
377. respectively
378. right
379. said
380. same
381. saw

382. say
383. saying
384. says
385. second
386. secondly
387. see
388. seeing
389. seem
390. seemed
391. seeming
392. seems
393. seen
394. self
395. selves
396. sensible
397. sent
398. serious
399. seriously
400. seven
401. several
402. shall
403. she
404. should
405. shouldn't
406. since
407. six
408. so
409. some
410. somebody
411. somehow
412. someone
413. something
414. sometime
415. sometimes
416. somewhat

417. somewhere
418. soon
419. sorry
420. specified
421. specify
422. specifying
423. still
424. sub
425. such
426. sup
427. sure
428. t's
429. take
430. taken
431. tell
432. tends
433. th
434. than
435. thank
436. thanks
437. thanx
438. that
439. that's
440. thats
441. the
442. their
443. theirs
444. them
445. themselves
446. then
447. thence
448. there
449. there's
450. thereafter
451. thereby

452. therefore
453. therein
454. theres
455. thereupon
456. these
457. they
458. they'd
459. they'll
460. they're
461. they've
462. think
463. third
464. this
465. thorough
466. thoroughly
467. those
468. though
469. three
470. through
471. throughout
472. thru
473. thus
474. to
475. together
476. too
477. took
478. toward
479. towards
480. tried
481. tries
482. truly
483. try
484. trying
485. twice
486. two

487. un
488. under
489. unfortunately
490. unless
491. unlikely
492. until
493. unto
494. up
495. upon
496. us
497. use
498. used
499. useful
500. uses
501. using
502. usually
503. value
504. various
505. very
506. via
507. viz
508. vs
509. want
510. wants
511. was
512. wasn't
513. way
514. we
515. we'd
516. we'll
517. we're
518. we've
519. welcome
520. well
521. went

522. were
523. weren't
524. what
525. what's
526. whatever
527. when
528. whence
529. whenever
530. where
531. where's
532. whereafter
533. whereas
534. whereby
535. wherein
536. whereupon
537. wherever
538. whether
539. which
540. while
541. whither
542. who
543. who's
544. whoever
545. whole
546. whom
547. whose
548. why
549. will
550. willing
551. wish
552. with
553. within
554. without
555. won't
556. wonder

557. would
558. wouldn't
559. yes
560. yet
561. you
562. you'd
563. you'll
564. you're
565. you've
566. your
567. yours
568. yourself
569. yourselves
570. zero
571. uh
572. um