

Appendix E

Land Use Data, High-tempo FCLP Year

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**Table E-1 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario A (High-tempo FCLP Year)**

Land Use	No Action Alternative (NAA) (dB DNL)				Scenario A (dB DNL)			Total (% change from NAA)
	65-69	70-74	>75	Total	65-69	70-74	>75	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	515 (+221)	234 (-42)	594 (+42)	1,343 (+20%)
Commercial	37	203	106	346	86 (+49)	162 (-41)	93 (-13)	341 (-1%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	57 (+57)	307 (-47)	198 (-9)	562 (0%)
Open Space/Forest	596	316	181	1,093	459 (-137)	428 (+112)	254 (+73)	1,141 (+4%)
Parks	511	178	273	962	647 (+136)	237 (+59)	257 (-16)	1,141 (+19%)
Residential ⁴	1,555	1,327	2,780	5,662	1,757 (+202)	1,306 (-21)	2,808 (+28)	5,871 (+4%)
Rural ⁵	378	489	1,399	2,266	370 (-8)	502 (+13)	1,429 (+30)	2,301 (+2%)
Transportation ⁵	120	117	355	592	134 (+14)	101 (-16)	359 (+4)	594 (0%)
Other ⁷	11	0	0	11	40 (+29)	0 (0)	0 (0)	40 (+264%)
Subtotal	3,503	3,260	5,865	12,628	4,066 (+563)	3,277 (+17)	6,004 (+139)	13,347 (+6%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	342 (-512)	459 (-245)	1,134 (+1,014)	1,935 (+22%)
Commercial	1	0	0	1	3 (+2)	0 (0)	0 (0)	3 (+200%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	317 (-56)	414 (+108)	472 (+373)	1,203 (+55%)
Parks	39	5	0	44	68 (+29)	5 (0)	0 (0)	73 (+66%)
Residential ⁴	1,407	1,009	228	2,644	437 (-970)	1,334 (+325)	2,244 (+2,016)	4,015 (+52%)
Rural ⁵	906	933	214	2,053	335 (-571)	772 (-161)	1,519 (+1,305)	2,626 (+28%)
Transportation ⁶	132	80	47	259	81 (-51)	81 (+1)	223 (+176)	385 (+49%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

**Table E-1 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario A (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario A (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
Subtotal	3,717	3,054	637	7,124	1,583 (-2,134)	3,065 (+11)	5,634 (+4,997)	10,282 (+39%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,649 (-1,571)	6,342 (+28)	11,638 (+5,136)	23,629 (+18%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-2 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario B (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario B (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	537 (+243)	222 (-54)	637 (+85)	1,396 (+24%)
Commercial	37	203	106	346	43 (+6)	202 (-1)	105 (-1)	350 (+1%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	2 (+2)	309 (-45)	250 (+43)	561 (0%)
Open Space/Forest	596	316	181	1,093	427 (-169)	460 (+144)	270 (+89)	1,157 (+6%)
Parks	511	178	273	962	701 (+190)	234 (+56)	295 (+22)	1,230 (+28%)
Residential ⁴	1,555	1,327	2,780	5,662	1,728 (+173)	1,240 (-87)	3,092 (+312)	6,060 (+7%)
Rural ⁵	378	489	1,399	2,266	368 (-10)	504 (+15)	1,486 (+87)	2,358 (+4%)
Transportation ⁶	120	117	355	592	128 (+8)	102 (-15)	380 (+25)	610 (+3%)
Other ⁷	11	0	0	11	37 (+26)	0 (0)	0 (0)	37 (+236%)
Subtotal	3,503	3,260	5,865	12,628	3,972 (+469)	3,273 (+13)	6,527 (+662)	13,772 (+9%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	377 (-477)	508 (-196)	854 (+824)	1,739 (+10%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	315 (-58)	400 (+94)	340 (+241)	1,055 (+36%)
Parks	39	5	0	44	24 (-15)	0 (-5)	0 (0)	24 (-45%)
Residential ⁴	1,407	1,009	228	2,644	701 (-706)	1,583 (+574)	1,550 (+1,322)	3,834 (+45%)
Rural ⁵	906	933	214	2,053	414 (-492)	869 (-64)	1,256 (+1,042)	2,539 (+24%)
Transportation ⁶	132	80	47	259	66 (-66)	108 (+28)	172 (+125)	346 (+34%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

Table E-2 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 1, Scenario B (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario B (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,898 (-1,819)	3,468 (+414)	4,214 (+3,577)	9,508 (+29%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,870 (-1,350)	6,741 (+427)	10,741 (+4,239)	23,352 (+17%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-3 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario C (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	461 (+167)	181 (-95)	700 (+148)	1,342 (+20%)
Commercial	37	203	106	346	53 (+16)	188 (-15)	122 (+16)	363 (+5%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	1 (+1)	277 (-77)	284 (+77)	562 (0%)
Open Space/Forest	596	316	181	1,093	437 (-159)	438 (+122)	283 (+102)	1,158 (+6%)
Parks	511	178	273	962	744 (+233)	271 (+93)	339 (+66)	1,354 (+41%)
Residential ⁴	1,555	1,327	2,780	5,662	1,753 (+198)	1,192 (-135)	3,304 (+524)	6,249 (+10%)
Rural ⁵	378	489	1,399	2,266	379 (+1)	465 (-24)	1,569 (+170)	2,413 (+6%)
Transportation ⁶	120	117	355	592	125 (+5)	103 (-14)	395 (+40)	623 (+5%)
Other ⁷	11	0	0	11	44 (+33)	1 (+1)	0 (0)	45 (+309%)
Subtotal	3,503	3,260	5,865	12,628	3,998 (+495)	3,116 (-144)	7,008 (+1,143)	14,122 (+12%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	496 (-358)	713 (+9)	235 (+205)	1,444 (-9%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	1 (-1)	9 (+2)	10 (+11%)
Industrial	0	15	12	27	0 (0)	4 (-11)	24 (+12)	28 (+4%)
Open Space/Forest	373	306	99	778	410 (+37)	246 (-60)	134 (+35)	790 (+2%)
Parks	39	5	0	44	1 (-38)	0 (-5)	0 (0)	1 (-98%)
Residential ⁴	1,407	1,009	228	2,644	1,580 (+173)	1,269 (+260)	491 (+263)	3,340 (+26%)
Rural ⁵	906	933	214	2,053	867 (-39)	824 (-109)	535 (+321)	2,226 (+8%)
Transportation ⁶	132	80	47	259	100 (-32)	120 (+40)	68 (+21)	288 (+11%)
Other ⁷	5	0	0	5	0 (-5)	5 (+5)	0 (0)	5 (0%)

Table E-3 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 1, Scenario C (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	3,454 (-263)	3,182 (+128)	1,496 (+859)	8,132 (+10%)
TOTAL⁸	7,220	6,314	6,502	20,036	7,452 (+232)	6,298 (-16)	8,504 (+2,002)	22,254 (+11%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

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- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-4 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario D (High-tempo FCLP Year)**

Land Use	No Action Alternative (NAA) (dB DNL)				Scenario D (dB DNL)			Total (% change from NAA)
	65-69	70-74	>75	Total	65-69	70-74	>75	
Ault Field								
Agriculture	294	276	552	1,122	493 (+199)	210 (-66)	632 (+80)	1,335 (+19%)
Commercial	37	203	106	346	59 (+22)	186 (-17)	101 (-5)	346 (0%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	20 (+20)	320 (-34)	222 (+15)	562 (0%)
Open Space/Forest	596	316	181	1,093	460 (-136)	420 (+104)	261 (+80)	1,141 (+4%)
Parks	511	178	273	962	663 (+152)	233 (+55)	287 (+14)	1,183 (+23%)
Residential ⁴	1,555	1,327	2,780	5,662	1,744 (+189)	1,254 (-73)	2,960 (+180)	5,958 (+5%)
Rural ⁵	378	489	1,399	2,266	377 (-1)	482 (-7)	1,465 (+66)	2,324 (+3%)
Transportation ⁶	120	117	355	592	134 (+14)	98 (-19)	372 (+17)	604 (+2%)
Other ⁷	11	0	0	11	45 (+34)	0 (0)	0 (0)	45 (+309%)
Subtotal	3,503	3,260	5,865	12,628	3,996 (+493)	3,203 (-57)	6,312 (+447)	13,511 (+7%)
OLF Coupeville								
Agriculture	854	704	30	1,588	330 (-524)	477 (-227)	1068 (+1,038)	1,875 (+18%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	314 (-59)	422 (+116)	436 (+337)	1,172 (+51%)
Parks	39	5	0	44	57 (+18)	4 (-1)	0 (0)	61 (+39%)
Residential ⁴	1,407	1,009	228	2,644	440 (-967)	1,454 (+445)	2,083 (+1,855)	3,977 (+50%)
Rural ⁵	906	933	214	2,053	337 (-569)	820 (-113)	1,500 (+1,286)	2,657 (+29%)
Transportation ⁶	132	80	47	259	77 (-55)	88 (+8)	211 (+164)	376 (+45%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

Table E-4 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 1, Scenario D (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario D (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,556 (-2,161)	3,265 (+211)	5,340 (+4,703)	10,161 (+37%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,552 (-1,668)	6,468 (+154)	11,652 (+5,150)	23,672 (+18%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

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- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-5 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario E (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	465 (+171)	182 (-94)	695 (+143)	1,342 (+20%)
Commercial	37	203	106	346	51 (+14)	193 (-10)	116 (+10)	360 (+4%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	1 (+1)	287 (-67)	273 (+66)	561 (0%)
Open Space/Forest	596	316	181	1,093	441 (-155)	436 (+120)	278 (+97)	1,155 (+6%)
Parks	511	178	273	962	739 (+228)	261 (+83)	332 (+59)	1,332 (+38%)
Residential ⁴	1,555	1,327	2,780	5,662	1,743 (+1878)	1,200 (-127)	3,252 (+472)	6,195 (+9%)
Rural ⁵	378	489	1,399	2,266	374 (-4)	472 (-17)	1,548 (+149)	2,394 (+6%)
Transportation ⁶	120	117	355	592	125 (+5)	103 (-14)	391 (+36)	619 (+5%)
Other ⁷	11	0	0	11	45 (+34)	0 (0)	0 (0)	45 (+309%)
Subtotal	3,503	3,260	5,865	12,628	3,985 (+482)	3,134 (-126)	6,897 (+1,032)	14,016 (+11%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	453 (-401)	596 (-108)	548 (+518)	1,597 (+1%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	412 (+39)	281 (-25)	203 (+104)	896 (+15%)
Parks	39	5	0	44	5 (-34)	0 (-5)	0 (0)	5 (-89%)
Residential ⁴	1,407	1,009	228	2,644	1,292 (-115)	1,461 (+452)	835 (+607)	3,588 (+36%)
Rural ⁵	906	933	214	2,053	754 (-152)	736 (-197)	882 (+668)	2,372 (+16%)
Transportation ⁶	132	80	47	259	79 (-53)	117 (+37)	109 (+62)	305 (+18%)
Other ⁷	5	0	0	5	0 (-5)	4 (+4)	1 (1)	5 (0%)

**Table E-5 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 1, Scenario E (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	2,995 (-722)	3,195 (+141)	2,615 (+1,978)	8,805 (+19%)
TOTAL⁸	7,220	6,314	6,502	20,036	6,980 (-240)	6,329 (+15)	9,512 (+3,010)	22,821 (+14%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-6 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario A (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario A (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	512 (+218)	217 (-59)	606 (+54)	1,335 (+19%)
Commercial	37	203	106	346	94 (+57)	154 (-49)	92 (-14)	340 (-2%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	63 (+63)	302 (-52)	197 (-10)	562 (0%)
Open Space/Forest	596	316	181	1,093	467 (-129)	424 (+108)	249 (+68)	1,140 (+4%)
Parks	511	178	273	962	639 (+128)	236 (+58)	249 (-24)	1,124 (+17%)
Residential ⁴	1,555	1,327	2,780	5,662	1,772 (+217)	1,328 (+1)	2,771 (-9)	5,871 (+4%)
Rural ⁵	378	489	1,399	2,266	367 (-11)	508 (+19)	1,417 (+18)	2,292 (+1%)
Transportation ⁶	120	117	355	592	135 (+15)	103 (-14)	356 (+1)	594 (0%)
Other ⁷	11	0	0	11	35 (+24)	0 (0)	0 (0)	35 (+218%)
Subtotal	3,503	3,260	5,865	12,628	4,085 (+582)	3,272 (+12)	5,949 (+84)	13,306 (+5%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	331 (-523)	478 (-226)	1070 (+1,040)	1,879 (+18%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	313 (-60)	422 (+116)	435 (+336)	1,170 (+50%)
Parks	39	5	0	44	58 (+19)	4 (-1)	0 (0)	62 (+41%)
Residential ⁴	1,407	1,009	228	2,644	443 (-964)	1,467 (+458)	2,069 (+1,841)	3,979 (+50%)
Rural ⁵	906	933	214	2,053	338 (-568)	824 (-109)	1,497 (+1,283)	2,659 (+30%)
Transportation ⁶	132	80	47	259	77 (-55)	88 (+8)	210 (+163)	375 (+45%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

Table E-6 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 2, Scenario A (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario A (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,561 (-2,156)	3,283 (+229)	5,323 (+4,686)	10,167 (+37%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,646 (-1,574)	6,555 (+241)	11,272 (+4,770)	23,473 (+13%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-7 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario B (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario B (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	514 (+220)	221 (-55)	636 (+84)	1,371 (+22%)
Commercial	37	203	106	346	43 (+6)	202 (-1)	104 (-2)	349 (+1%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	3 (+3)	311 (-43)	248 (+41)	562 (0%)
Open Space/Forest	596	316	181	1,093	438 (-158)	451 (+135)	265 (+84)	1,154 (+6%)
Parks	511	178	273	962	693 (+182)	231 (+53)	293 (+20)	1,217 (+27%)
Residential ⁴	1,555	1,327	2,780	5,662	1,727 (+172)	1,247 (-80)	3,075 (+295)	6,049 (+7%)
Rural ⁵	378	489	1,399	2,266	373 (-5)	502 (+13)	1,480 (+81)	2,355 (+4%)
Transportation ⁶	120	117	355	592	128 (+8)	102 (-15)	379 (+24)	609 (+3%)
Other ⁷	11	0	0	11	32 (+21)	0 (0)	0 (0)	32 (+191%)
Subtotal	3,503	3,260	5,865	12,628	3,952 (+449)	3,267 (+7)	6,492 (+627)	13,711 (+9%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	398 (-456)	519 (-185)	800 (+770)	1,717 (+8%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	316 (-57)	397 (+91)	318 (+219)	1,031 (+33%)
Parks	39	5	0	44	17 (-22)	0 (-5)	0 (0)	17 (-61%)
Residential ⁴	1,407	1,009	228	2,644	791 (-616)	1,586 (+577)	1,409 (+1,181)	3,786 (+43%)
Rural ⁵	906	933	214	2,053	475 (-431)	849 (-84)	1,190 (+976)	2,514 (+22%)
Transportation ⁶	132	80	47	259	65 (-67)	110 (+30)	161 (+114)	336 (+30%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

**Table E-7 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario B (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario B (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	2,063 (-1,654)	3,461 (+407)	3,920 (+3,283)	9,444 (+27%)
TOTAL⁸	7,220	6,314	6,502	20,036	6,015 (-1,205)	6,728 (+414)	10,412 (+3,910)	23,155 (+16%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-8 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario C (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	470 (+176)	182 (-94)	692 (+140)	1,344 (+20%)
Commercial	37	203	106	346	50 (+13)	195 (-8)	113 (+7)	358 (+3%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	2 (+2)	292 (-62)	268 (+61)	562 (0%)
Open Space/Forest	596	316	181	1,093	443 (-153)	438 (+122)	273 (+92)	1,154 (+6%)
Parks	511	178	273	962	731 (+220)	255 (+77)	330 (+57)	1,316 (+37%)
Residential ⁴	1,555	1,327	2,780	5,662	1,748 (+193)	1,204 (-123)	3,228 (+448)	6,180 (+9%)
Rural ⁵	378	489	1,399	2,266	381 (+3)	471 (-18)	1,539 (+140)	2,391 (+6%)
Transportation ⁶	120	117	355	592	125 (+5)	103 (-14)	389 (+34)	617 (+4%)
Other ⁷	11	0	0	11	41 (+30)	0 (0)	0 (0)	41 (+273%)
Subtotal	3,503	3,260	5,865	12,628	3,992 (+489)	3,140 (-120)	6,844 (+979)	13,976 (+11%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	501 (-353)	706 (+2)	266 (+236)	1,473 (-7%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	1 (-1)	9 (+2)	10 (+11%)
Industrial	0	15	12	27	0 (0)	3 (-12)	24 (+12)	27 (0%)
Open Space/Forest	373	306	99	778	420 (+47)	250 (-56)	140 (+41)	810 (+5%)
Parks	39	5	0	44	1 (-38)	0 (-5)	0 (0)	1 (-98%)
Residential ⁴	1,407	1,009	228	2,644	1,565 (+158)	1,288 (+279)	533 (+305)	3,386 (+28%)
Rural ⁵	906	933	214	2,053	862 (-44)	806 (-127)	580 (+366)	2,248 (+9%)
Transportation ⁶	132	80	47	259	98 (-34)	117 (+37)	76 (+29)	291 (+12%)
Other ⁷	5	0	0	5	0 (-5)	5 (+5)	0 (0)	5 (0%)

Table E-8 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 2, Scenario C (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	3,447 (-270)	3,176 (+122)	1,628 (+991)	8,251 (+11%)
TOTAL⁸	7,220	6,314	6,502	20,036	7,439 (+219)	6,316 (+2)	8,472 (+1,970)	22,227 (+11%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-9 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario D (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario D (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	490 (+196)	193 (-83)	643 (+91)	1,326 (+18%)
Commercial	37	203	106	346	68 (+31)	178 (-25)	99 (-7)	345 (0%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	29 (+29)	318 (-36)	214 (+7)	561 (0%)
Open Space/Forest	596	316	181	1,093	469 (-127)	417 (+101)	256 (+75)	1,142 (+4%)
Parks	511	178	273	962	656 (+145)	230 (+52)	278 (+5)	1,164 (+21%)
Residential ⁴	1,555	1,327	2,780	5,662	1,761 (+206)	1,321 (-56)	2,871 (+91)	5,953 (+5%)
Rural ⁵	378	489	1,399	2,266	374 (-4)	486 (-3)	1,453 (+54)	2,313 (+2%)
Transportation ⁶	120	117	355	592	136 (+16)	100 (-17)	367 (+12)	603 (+2%)
Other ⁷	11	0	0	11	41 (+30)	0 (0)	0 (0)	41 (+273%)
Subtotal	3,503	3,260	5,865	12,628	4,025 (+522)	3,243 (-17)	6,193 (+328)	13,461 (+7%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	321 (-533)	505 (-199)	1,002 (+972)	1,828 (+15%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	305 (-68)	427 (+121)	404 (+305)	1,136 (+46%)
Parks	39	5	0	44	47 (+8)	2 (-3)	0 (0)	49 (11%)
Residential ⁴	1,407	1,009	228	2,644	495 (-912)	1,546 (+537)	1,901 (+1,673)	3,942 (+49%)
Rural ⁵	906	933	214	2,053	343 (-563)	851 (-82)	1,421 (+1,207)	2,615 (+27%)
Transportation ⁶	132	80	47	259	73 (-59)	95 (+15)	198 (+151)	366 (+41%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

Table E-9 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 2, Scenario D (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario D (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,585 (-2,132)	3,426 (+372)	4,968 (+4,331)	9,979 (+35%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,610 (-1,610)	6,669 (+355)	11,161 (+4,659)	23,440 (+17%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-10 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 2, Scenario E (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	475 (+181)	186 (-90)	684 (+132)	1,345 (+20%)
Commercial	37	203	106	346	48 (+11)	196 (-7)	110 (+4)	354 (+2%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	3 (+3)	300 (-54)	259 (+52)	562 (0%)
Open Space/Forest	596	316	181	1,093	445 (-151)	438 (+122)	269 (+88)	1,152 (+5%)
Parks	511	178	273	962	723 (+212)	245 (+67)	324 (+51)	1,292 (+34%)
Residential ⁴	1,555	1,327	2,780	5,662	1,733 (+178)	1,217 (-110)	3,178 (+398)	6,128 (+8%)
Rural ⁵	378	489	1,399	2,266	373 (-5)	476 (-13)	1,521 (+122)	2,370 (+5%)
Transportation ⁶	120	117	355	592	126 (+6)	103 (-14)	386 (+31)	615 (+4%)
Other ⁷	11	0	0	11	41 (+30)	0 (0)	0 (0)	41 (+273%)
Subtotal	3,503	3,260	5,865	12,628	3,968 (+465)	3,161 (-99)	6,743 (+878)	13,872 (+10%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	448 (-406)	590 (-114)	574 (+544)	1,612 (+2%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	410 (+37)	286 (-20)	212 (+113)	908 (+17%)
Parks	39	5	0	44	6 (-33)	0 (-5)	0 (0)	6 (-86%)
Residential ⁴	1,407	1,009	228	2,644	1,248 (-159)	1,484 (+475)	869 (+641)	3,601 (+36%)
Rural ⁵	906	933	214	2,053	731 (-175)	743 (-190)	912 (+698)	2,386 (+16%)
Transportation ⁶	132	80	47	259	79 (-53)	117 (+37)	113 (+66)	309 (+19%)
Other ⁷	5	0	0	5	0 (-5)	4 (+4)	2 (+2)	6 (20%)

Table E-10 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 2, Scenario E (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	2,922 (-795)	3,224 (+170)	2,719 (+2,082)	8,865 (+20%)
TOTAL⁸	7,220	6,314	6,502	20,036	6,890 (-330)	6,385 (+71)	9,462 (+2,960)	22,737 (+13%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-11 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario A (High-tempo FCLP Year)**

Land Use	No Action Alternative (NAA) (dB DNL)				Scenario A (dB DNL)			Total (% change from NAA)
	65-69	70-74	>75	Total	65-69	70-74	>75	
Ault Field								
Agriculture	294	276	552	1,122	491 (+197)	235 (-41)	588 (+36)	1,314 (+17%)
Commercial	37	203	106	346	92 (+55)	155 (-48)	92 (-14)	339 (-2%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	63 (+63)	301 (-53)	197 (-10)	561 (0%)
Open Space/Forest	596	316	181	1,093	479 (-117)	412 (+96)	246 (+65)	1,137 (+4%)
Parks	511	178	273	962	614 (+103)	233 (+55)	251 (-22)	1,098 (+14%)
Residential ⁴	1,555	1,327	2,780	5,662	1,750 (+195)	1,317 (-10)	2,769 (-11)	5,836 (+3%)
Rural ⁵	378	489	1,399	2,266	369 (-9)	507 (+18)	1,413 (+14)	2,289 (+1%)
Transportation ⁶	120	117	355	592	134 (+14)	102 (-15)	355 (0)	591 (0%)
Other ⁷	11	0	0	11	33 (+22)	0 (0)	0 (0)	33 (+200%)
Subtotal	3,503	3,260	5,865	12,628	4,026 (+523)	3,262 (+2)	5,923 (+58)	13,211 (+5%)
OLF Coupeville								
Agriculture	854	704	30	1,588	333 (-521)	464 (-240)	1,115 (+1,085)	1,912 (+20%)
Commercial	1	0	0	1	2 (+1)	0 (0)	0 (0)	2 (+100%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	317 (-56)	416 (+110)	461 (+362)	1,194 (+53%)
Parks	39	5	0	44	65 (+26)	5 (0)	0 (0)	70 (+59%)
Residential ⁴	1,407	1,009	228	2,644	436 (-971)	1,374 (+365)	2,193 (+1,965)	4,003 (+51%)
Rural ⁵	906	933	214	2,053	339 (-567)	790 (-143)	1,560 (+1,346)	2,689 (+31%)
Transportation ⁶	132	80	47	259	80 (-52)	83 (+3)	219 (+172)	382 (+47%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

**Table E-11 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario A (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario A (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,572 (-2,145)	3,132 (+78)	5,590 (+4,953)	10,294 (+39%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,598 (-1,622)	6,394 (+80)	11,513 (+5,011)	23,505 (+17%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-12 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario B (High-tempo FCLP Year)**

Land Use	No Action Alternative (NAA) (dB DNL)				Scenario B (dB DNL)			Total (% change from NAA)
	65-69	70-74	>75	Total	65-69	70-74	>75	
Ault Field								
Agriculture	294	276	552	1,122	512 (+218)	223 (-53)	631 (+79)	1,366 (+22%)
Commercial	37	203	106	346	43 (+6)	202 (-1)	103 (-3)	348 (+1%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	3 (+3)	315 (-39)	243 (+36)	561 (0%)
Open Space/Forest	596	316	181	1,093	445 (-151)	446 (+130)	262 (+81)	1,153 (+5%)
Parks	511	178	273	962	681 (+170)	229 (+51)	289 (+16)	1,199 (+25%)
Residential ⁴	1,555	1,327	2,780	5,662	1,716 (+161)	1,252 (-75)	3,052 (+272)	6,020 (+6%)
Rural ⁵	378	489	1,399	2,266	376 (-2)	501 (+12)	1,473 (+74)	2,350 (+4%)
Transportation ⁶	120	117	355	592	128 (+8)	102 (-15)	378 (+23)	608 (+3%)
Other ⁷	11	0	0	11	29 (+18)	0 (0)	0 (0)	29 (+164%)
Subtotal	3,503	3,260	5,865	12,628	3,934 (+431)	3,270 (+10)	6,443 (+578)	13,647 (+8%)
OLF Coupeville								
Agriculture	854	704	30	1,588	374 (-480)	507 (-197)	860 (+830)	1,741 (+10%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	315 (-58)	400 (+94)	343 (+244)	1,058 (+36%)
Parks	39	5	0	44	25 (-14)	0 (-5)	0 (0)	25 (-43%)
Residential ⁴	1,407	1,009	228	2,644	694 (-713)	1,580 (+571)	1,566 (+1,338)	3,840 (+45%)
Rural ⁵	906	933	214	2,053	411 (-495)	867 (-66)	1,263 (+1,049)	2,541 (+24%)
Transportation ⁶	132	80	47	259	67 (-65)	107 (+27)	173 (+126)	347 (+34%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

**Table E-12 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario B (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario B (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,887 (-1,830)	3,461 (+407)	4,247 (+3,610)	9,595 (+30%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,821 (-1,399)	6,731 (+417)	10,690 (+4,188)	23,242 (+16%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-13 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario C (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	450 (+156)	183 (-93)	691 (+139)	1,324 (+18%)
Commercial	37	203	106	346	49 (+12)	195 (-8)	112 (+6)	356 (+3%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	2 (+2)	294 (-60)	265 (+58)	561 (0%)
Open Space/Forest	596	316	181	1,093	454 (-142)	427 (+111)	270 (+89)	1,151 (+5%)
Parks	511	178	273	962	717 (+206)	250 (+72)	328 (+55)	1,295 (+35%)
Residential ⁴	1,555	1,327	2,780	5,662	1,732 (+177)	1,206 (-121)	3,213 (+433)	6,151 (+9%)
Rural ⁵	378	489	1,399	2,266	379 (+1)	472 (-17)	1,532 (+133)	2,383 (+5%)
Transportation ⁶	120	117	355	592	125 (+5)	103 (-14)	388 (+33)	616 (+4%)
Other ⁷	11	0	0	11	39 (+28)	0 (0)	0 (0)	39 (+255%)
Subtotal	3,503	3,260	5,865	12,628	3,948 (+445)	3,130 (-130)	6,811 (+946)	13,889 (+10%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	498 (-356)	708 (+4)	259 (+229)	1,465 (-8%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	1 (-1)	9 (+2)	10 (+11%)
Industrial	0	15	12	27	0 (0)	3 (-12)	24 (+12)	27 (0%)
Open Space/Forest	373	306	99	778	420 (+47)	250 (-56)	138 (+39)	7808 (+4%)
Parks	39	5	0	44	1 (-38)	0 (-5)	0 (0)	1 (-98%)
Residential ⁴	1,407	1,009	228	2,644	1,568 (+161)	1,296 (+287)	513 (+285)	3,377 (+28%)
Rural ⁵	906	933	214	2,053	863 (-43)	812 (-121)	569 (+355)	2,244 (+9%)
Transportation ⁶	132	80	47	259	98 (-34)	119 (+39)	73 (+26)	290 (+12%)
Other ⁷	5	0	0	5	0 (-5)	5 (+5)	0 (0)	5 (0%)

Table E-13 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 3, Scenario C (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario C (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	3,448 (-269)	3,194 (+140)	1,585 (+948)	8,227 (+11%)
TOTAL⁸	7,220	6,314	6,502	20,036	7,396 (+176)	6,324 (+10)	8,396 (+1,894)	22,116 (+10%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

Table E-14 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 3, Scenario D (High-tempo FCLP Year)

Land Use	No Action Alternative (NAA) (dB DNL)				Scenario D (dB DNL)			Total (% change from NAA)
	65-69	70-74	>75	Total	65-69	70-74	>75	
Ault Field								
Agriculture	294	276	552	1,122	519 (+225)	241 (-35)	594 (+42)	1,354 (+21%)
Commercial	37	203	106	346	60 (+23)	187 (-16)	97 (-9)	344 (-1%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	25 (+25)	319 (-35)	217 (+10)	561 (0%)
Open Space/Forest	596	316	181	1,093	460 (-136)	426 (+110)	258 (+77)	1,144 (+5%)
Parks	511	178	273	962	647 (+136)	226 (+48)	266 (-7)	1,139 (+18%)
Residential ⁴	1,555	1,327	2,780	5,662	1,745 (+190)	1,263 (-64)	2,911 (+131)	5,919 (+5%)
Rural ⁵	378	489	1,399	2,266	376 (-2)	497 (+8)	1,441 (+42)	2,314 (+2%)
Transportation ⁶	120	117	355	592	134 (+14)	98 (-19)	368 (+13)	600 (+1%)
Other ⁷	11	0	0	11	29 (+18)	0 (0)	0 (0)	29 (+164%)
Subtotal	3,503	3,260	5,865	12,628	3,996 (+493)	3,257 (-3)	6,164 (+299)	13,417 (+6%)
OLF Coupeville								
Agriculture	854	704	30	1,588	327 (-527)	484 (-220)	1,045 (+1,015)	1,856 (+17%)
Commercial	1	0	0	1	1 (0)	0 (0)	0 (0)	1 (0%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	313 (-60)	423 (+117)	426 (+327)	1,162 (+49%)
Parks	39	5	0	44	53 (+14)	3 (-2)	0 (0)	56 (+27%)
Residential ⁴	1,407	1,009	228	2,644	444 (-963)	1,484 (+475)	2,041 (+1,813)	3,969 (+50%)
Rural ⁵	906	933	214	2,053	340 (-566)	826 (-107)	1,477 (+1,263)	2,643 (+29%)
Transportation ⁶	132	80	47	259	74 (-58)	90 (+10)	207 (+160)	371 (+43%)
Other ⁷	5	0	0	5	0 (-5)	0 (0)	5 (+5)	5 (0%)

**Table E-14 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario D (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario D (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	1,552 (-2,165)	3,310 (+256)	5,238 (4,601)	10,100 (+36%)
TOTAL⁸	7,220	6,314	6,502	20,036	5,548 (-1,672)	6,567 (+253)	11,402 (+4,900)	23,517 (+17%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ "Federal" land use includes federally zoned land. "Federal" does not include the installation boundary.
- ⁴ "Residential" includes areas zoned as residential, as well as higher density areas zoned as "Rural" and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ "Rural" is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as "Rural," parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in "Rural" zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ "Other" includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

Key:

- dB = decibel
- DNL = day-night average sound level
- FCLP = field carrier landing practice
- NAS = Naval Air Station
- OLF = outlying landing field

**Table E-15 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex,
Alternative 3, Scenario E (High-tempo FCLP Year)**

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			<i>Total (% change from NAA)</i>
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	
<i>Ault Field</i>								
Agriculture	294	276	552	1,122	503 (+209)	214 (-62)	653 (+101)	1,370 (+22%)
Commercial	37	203	106	346	43 (+6)	198 (-5)	111 (+5)	352 (+2%)
Federal ³	1	0	12	13	1 (0)	0 (0)	12 (0)	13 (0%)
Industrial	0	354	207	561	1 (+1)	297 (-57)	264 (+57)	562 (0%)
Open Space/Forest	596	316	181	1,093	434 (-162)	454 (+138)	267 (+86)	1,155 (+6%)
Parks	511	178	273	962	704 (+193)	232 (+54)	308 (+35)	1,244 (+29%)
Residential ⁴	1,555	1,327	2,780	5,662	1,734 (+179)	1,218 (-109)	3,162 (+382)	6,114 (+8%)
Rural ⁵	378	489	1,399	2,266	365 (-13)	501 (+12)	1,506 (+107)	2,372 (+5%)
Transportation ⁶	120	117	355	592	127 (+7)	102 (-15)	384 (+29)	613 (+4%)
Other ⁷	11	0	0	11	29 (+18)	0 (0)	0 (0)	29 (+164%)
Subtotal	3,503	3,260	5,865	12,628	3,941 (+438)	3,216 (-44)	6,667 (+802)	13,824 (+9%)
<i>OLF Coupeville</i>								
Agriculture	854	704	30	1,588	449 (-405)	593 (-111)	563 (+533)	1,605 (+1%)
Commercial	1	0	0	1	0 (-1)	0 (0)	0 (0)	0 (-100%)
Federal ³	0	2	7	9	0 (0)	0 (-2)	10 (+3)	10 (+11%)
Industrial	0	15	12	27	0 (0)	0 (-15)	27 (+15)	27 (0%)
Open Space/Forest	373	306	99	778	410 (+37)	281 (-25)	215 (+116)	906 (+16%)
Parks	39	5	0	44	6 (-33)	0 (-5)	0 (0)	6 (-86%)
Residential ⁴	1,407	1,009	228	2,644	1,247 (-160)	1,480 (+471)	872 (+644)	3,599 (+36%)
Rural ⁵	906	933	214	2,053	732 (-174)	739 (-194)	910 (+696)	2,381 (+16%)
Transportation ⁶	132	80	47	259	79 (-53)	116 (+36)	113 (+66)	308 (+19%)
Other ⁷	5	0	0	5	0 (-5)	3 (+3)	2 (+2)	5 (0%)

Table E-15 Land Use Acreage (+/-)¹ within the DNL Contours² for NAS Whidbey Island Complex, Alternative 3, Scenario E (High-tempo FCLP Year)

<i>Land Use</i>	<i>No Action Alternative (NAA) (dB DNL)</i>				<i>Scenario E (dB DNL)</i>			
	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total</i>	<i>65-69</i>	<i>70-74</i>	<i>>75</i>	<i>Total (% change from NAA)</i>
Subtotal	3,717	3,054	637	7,124	2,923 (-794)	3,212 (+158)	2,712 (+2,075)	8,847 (+19%)
TOTAL⁸	7,220	6,314	6,502	20,036	6,864 (+356)	6,428 (+114)	9,379 (+2,877)	22,671 (+13%)

Notes:

- ¹ The difference between the No Action Alternative and Action Alternative 1 is noted in parentheses.
- ² All five scenarios, A through E, are outlined in Section 2.3.3, where the split represents the percent of FCLPs conducted at Ault Field and OLF Coupeville, respectively (i.e., 20/80 FCLP split = 20 percent of FCLPs at Ault Field and 80 percent of FCLPs at OLF Coupeville).
- ³ “Federal” land use includes federally zoned land. “Federal” does not include the installation boundary.
- ⁴ “Residential” includes areas zoned as residential, as well as higher density areas zoned as “Rural” and having parcel properties that have use codes 11 (Household, single-family units), 111 (single section), 112 (double section), 113 (triple section), 114 (quad or greater), 12 (Household, 2-4 units), 13 (Household, multiunit 5 or more), 14 (residential condominiums), 15 (mobile home parks or courts), and 18 (all other residential not elsewhere coded).
- ⁵ “Rural” is low density, which includes a variety of living (i.e., homes) and working uses to provide for a rural lifestyle. In order to further delineate land categorized as “Rural,” parcel property-use codes were examined. Per Island County Zoning Code, the lot/density requirements in “Rural” zoned areas are as follows: Minimum lot size shall be five (5) acres. Base density shall be one (1) dwelling unit per five (5) gross acres; lot size averaging may be permitted for subdivisions or short subdivisions that are ten (10) acres or larger in size, provided that no lot may be less than two and one-half (2½) acres in size; no more than three (3) lots may be created that are less than five (5) acres in size; and the average base density for the subdivision or short subdivision is not less than one (1) dwelling unit per five (5) gross acres.
- ⁶ The transportation land use category includes gaps in land use data that appeared to be roads; however, this transportation category does not cover all streets within the counties/municipalities. This layer was created in order to minimize data gaps within the land use data.
- ⁷ “Other” includes lands with no zoning attributes assigned to them. Land use data do not include open water, offshore water, shoals, tidal wetlands, or uninhabited islands within San Juan County.
- ⁸ Acreages have been rounded to ensure totals sum.

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- dB = decibel
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