Appendix H. Data forms for Southwestern Willow Flycatcher surveys in areas managed by the Rio Grande National Forest.

Orest.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

_	Cones site name was u				JSGS Qu	ad Name	pecta	cle Lake
Is Site Coordina Elevation	- DIOD: N	fe	et /meters	E 03 (circle one)	7500	things attack	TM 2	red)? Xes I No Zone 135
Survey# Observer(s)	Date (m/d/y) Survey time	of WIFLs Found	Estimated Number of Pairs	Number of Territories	f Found	Detected?	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, n contents or number of fledge seen; potential threats)
Rothi Preoman	total hrs 1.5	0	0	0	N	N	Pies tracks browse	Lots of DUFC area heavily grazed, Hillow + Alder in Chumps grazed to 6-se
2 NM- Whit Markham	Date 6 10 6 5 5 5 5 5 top 0 6 4 0 total hrs 1.25	Ø	d	\$.	.2	2	4	Burn area in center. Willows somewhat spre out thouse O Nest cage.
3 WM_	Date 7 8 65 Start 0 6 0 0 Stop 0 7 0 0 total hrs 1	ø	ø	ø	. 2		Y S	no change since last noit except presence of I horse.
	Date start stop total hrs		_			1.		
	Date start stop total brs							
Overall Site Summ Total only resident W 'otal survey hrs		Adults	Pairs 7	Cerritories	/ If	Vere any WIFLs Yes, report color ack of form		Yes No

Hawks Aloft, Inc. P.O. Box 10028 Albuquerque, NM 87184 (505) 828-9455 Page 66 of 98

Appendix H. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Bongmann Phone # 505-928-9455
Affiliation Houks Aloft, Inc Brail Klorgmann etahksal off ore
Site Name Cone OS
Did you verify that this site name is consistent with that used in previous years? Yes (No) (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) Rio Grande Nat' Forest
Length of area surveyed: 0.4Km (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes / No If no, summarize in comments below.
NA
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow)
☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely) Identify the 2-3 predominant tree/shrub species: Passy Millow, Mide R
Average height of canopy: 5.5 Me +CKS (specify units)
Average height of canopy: 5.5 Meteks (specify units)
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) Distance from the site to surface water or saturated soil: Cone yes Flowing. Sonce areas of the Standing Ho of th
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (attach additional sheets if necessary): BLM property (to Lence) not on
,

Willow Flycatcher Survey and Detection Form (rev. 4/98)

	ite name was use		State_C	20	USGS Q	uad Name(Cumbr	eS
Is a ite Coordina	copy of USGS m tes: Start: N_ Stop: N_ 0,250°	410 S 80	meters	(circle one	773(ightings attacl U U on back of this	TM 2	red)? ▼Yes □ No Zone 3 S
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Search and Commission	of Four	d? Detected?	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, nest contents or number of fiedges seen; potential threats)
hit larkham	Date 5/31/6, start 6 5 3 5 stop Q 7 5 total hrs 1.75	ø	Ø	ø	N	2	2	make the cost of show space and shoot Afra agod partle
<u> </u>	Date 6 11 0 3 Start 0 0 0 Stop 0 8 1 5 total hrs 2.25	ø	Ø	d	. N	N	2	Frost on ground lots of WIWA's
MM	Date 7 (9 Start 6630 Stop 0966 total hrs 25	8	Ø	ø	177	N	N .	Nater Level stop ower in creek No change since ast visit.
	Date start stop total hrs							
	Date start stop total hrs							
all Site Sum only resident W survey hrs		Adults	Pairs	Territories	Nests	Were any WIFLs If yes, report cold back of form		Yes No

<u>Hawks Aloft, Inc.</u> P.O. Box 10028 Albuquerque, NM 87184 (505) 828-9455 Page 68 of 98

Appendix H. Cont.

Fill in the following information completely. Submit original	form. Retain copy for your records.
Name of Reporting Individual Kathl Borgnann	Phone # 505-828-9455
Affiliation Hawks Aloft, Inc	Email Khuranann @ hnakaloff, or
Site Name La Manga Creek 1 Did you verify that this site name is consistent with that used in previous years? Not Surveyed in Previous Years Management Authority for Survey Area (circle one): Federal Muni	Ves (NA) (citale one)
Name of Management Entity or Owner (e.g., Tonto National Forest) Rio (er unde Nut'l Forest
Length of area surveyed: 23 Km (specify units, e.g., miles = mi, kilometer	ers = km, meters = m)
Did you survey the same general area during each visit to this site this year?	No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year?	Yes/No If no, summarize in comments below.
(entirely or almost entirely, includes high-elevation willow) ☐ Mixed native and exotic plants (mostly exotic) ☐ Exot	ed native and exotic plants (mostly native) ic/introduced plants (entirely or almost entirely)
Average height of canopy: 2.5 m (specify units))
Was surface water or saturated soil present at or adjacent to site? $\stackrel{\checkmark}{\text{Ve}}$ No (ci) Distance from the site to surface water or saturated soil: $2-3$ $\stackrel{\checkmark}{\text{w}}$ (specify	ircle one) units)
Did hydrological conditions change significantly among visits (did the site flood of yes, describe in comments section below.	or dry out)? Yes No (circle one)
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRE ocation of WIFL detections. You may also include a sketch or aerial photograph urvey route in relation to patch, and location of any willow flycatchers or willow hotographs are welcomed, but DO NOT substitute for the required USGS quad n	showing details of site location, patch shape, flycatcher nests detected. Such sketches or
comments (attach additional sheets if necessary): Most will as Shill	young. Will be feeter habit
	,

Appendix H. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

If yes, what site	olf Cre	NA			1.74		1	
	nejos			O USO	GS Quad	Name	lumbr	res
Is cop Site Coordinates Elevation	" State	4097 feet	7 35 I	ircle one)	093		M Z	ed)? × Yes □ No one /3 S
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
Kathi Boromann	Date 5/31/03 start 0555 stop 0635 total hrs 40 mic	D s.	0	o	N	N	Pies	Medium density Willow + Alder approx, 3.5 m tell total area ~ I ha Beaver activity
2 _M M	Date 6/10/03					-	1	Elk present
Whit markham	Start 0710 Stop 0745 total hrs 25 min	8	8	B	2	2	pies	-
3 W M	Date 7 8 63 Start 0 7 20 Stop 0 7 5 5 total hrs 35 man	8	ø	þ	2	2	Y. pies	no chorge since last visit
	Date start stop total brs				V-	+		
	Date start stop total hrs				-			
		Adults	Pairs	Territories	Nests		Ls color-bande	d? Yes (6) n(s) in the comments section on

Appendix H. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Boramann Phone # 505 - 728-9455
Affiliation Hawks A off Inc Email Kboramanne howksaloff,
Site Name Wolf (reck Section) Did you verify that this site name is consistent with that used in previous years? Yes (No (circle one) Not Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) Rio Granda Nat' Forest
Length of area surveyed: 0, 2 Km specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Fes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes/No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants Mixed native and exotic plants (mostly native) (entirely or almost entirely, includes high-elevation willow)
☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)
Identify the 2-3 predominant tree/shrub species: Willow Douglas Fir, Alder Engelman Spruce
Average height of canopy: 3,51, 11 (Willow) (specify units)
Was surface water or saturated soil present at or adjacent to site? Fee No (circle one) Distance from the site to surface water or saturated soil: (specify units) Water flowing in Creek with Soil: back Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) If yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (attach additional sheets if necessary): Thick willow

Appendix H. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

f yes, what site	name was used?	NA	/	2) TIO	30 O. o. d	Name (umbi	res
Is copite Coordinates	Stop: N 5	marked w 4097 1097 feet	with survey of 379 I	area and Wi 3 037 3 037 ircle one)	017 .	tings attache	d (as require M M Z	ed)? Yes \(No
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, ne contents or number of fledger seen; potential threats)
Kathi Borgmann	Date 5/31/03 start 0645 stop 0 708 total hrs 23min	0	0	0	N	N	N	Area dense with willow
WM Whit markham	Date (s. (o) 03 Start () 750 Stop () 815 total hrs 25 nei N	Ø	ø	B	, N	12	n	no change no WIFT present
3 WM_	Date 7 8 0 3 Start 0 8 0 0 Stop 0 8 3 0 total hrs 0 5	ø	ø	B	2	2	2	no change, no WIFL present
	Date start stop total hrs	1 E						
	Date start stop total hrs							
Overall Site Summary (Total only resident WIFLs) Total survey hrs 1 2		Adults	Pairs	Territories	Nests		ELs color-bande	d? Yes No on the comments section on

<u>Hawks Aloft, Inc.</u> P.O. Box 10028 Albuquerque, NM 87184 (505) 828-9455 Page 72 of 98

Appendix H. Cont.

Name of Reporting Individual Kath Borgrams Phone # 505-728-9455
Affiliation Flawks Aloff Inc Email Kborgmann @ hawks alfol.
Site Name Wolf Crick Section 2 Did you verify that this site name is consistent with that mod in remains and the
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest)
Length of area surveyed: O. / KM (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Ves No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes / No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow) Mixed native and exotic plants (mostly exotic) Exotic/introduced plants (entirely or almost entirely)
Identify the 2-3 predominant tree/shrub species: Primarily Willow, Some Alder
Average height of canopy: 4,0 me (crs (specify units)
Was surface water or saturated soil present at or adjacent to site? So No (circle one) Distance from the site to surface water or saturated soil: (specify units) Creek flowing and Soil Saturated Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) f yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and ocation of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or hotographs are welcomed, but DO NOT substitute for the required USGS quad map.
comments (attach additional sheets if necessary):

Appendix H. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

f yes, what site i	name was used?						0	
County Cov	12 05		State_C	DSU USC	GS Quad	Name	Cumb	res
	y of USGS map : Start: N_4	0972 40971 feet	/ 53 F	ircle one)	017	ings attache 7 UT / UT	TM Z	ed)? X Yes □ No one 35
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, nest contents or number of fledges seen; potential threats)
Bo egmann	Date 5/31/03 start 0 7 // stop 0 7 3 0 total hrs 19 mins	٥	o	δ	Ν	N	y	Small patch but fairly dens-e
2 WM Whit Markham	Date 6 10 03 Start 68 25 Stop 69 6 5 total hrs 25 mi	ø	p	ø	1-1	10	pres y'd	train tracks run through willow paich; nerrous versidor
3 W M	Date 7/8/03 Start 0835 Stop 0900 total hrs 25 will	Ø	ø	Ø	47	2	same pies	no with precent no change.
	Date start stop total brs							
	Date start stop total hrs							
Overall Site Summary (Total only resident WIFLs) Total survey hrs 1, 2		Adults	Pairs	d? Yes No on (s) in the comments section on				

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Appendix H. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Borgmann Phone # 505-822-9465
Affiliation Hanks Hoff Inc.
Name of Reporting Individual Kathi Boramann Phone # 505-828-9455 Affiliation Hunks Hoff, Inc. Site Name Wolf Creek Section 3
Did you verify that this site name is consistent with that used in previous years? Yes No (circle one) No-1 Surveyed to Previous Years? Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) 2:0 Grande Not'l Forest
Length of area surveyed: O. (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes/No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow)
☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)
identify the 2-3 predominant tree/shrub species: Wilow Alder
Average height of canopy: 4,5 we for s (specify units)
(F-1) and
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) Distance from the site to surface water or saturated soil: (specify units) Creck Flouring and Joil around Alder Jalurated Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) f yes, describe in comments section below.
temember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and ocation of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, urvey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or hotographs are welcomed, but DO NOT substitute for the required USGS quad map.
omments (attach additional sheets if necessary): Area Small, limited Suitability

Appendix I. Data forms for Southwestern Willow Flycatcher surveys in areas managed by the Saguache Bureau of Land Management.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

	0							e Creek
Site Coordinate Elevation	ates: Start: N	42160 42160	75 eet /meters (B 03(2) B 03(2) Sircle one)	1598	U.	rm rm z	red)? Yes \(No
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLS Found	Estimated	Estimated Number of Territories	Nest(s) Found? Y or N	Detected?	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, n contents or number of fiedge seen; potential threats)
Gest Eve	Date 5-30 start 600 stop 1000 total hrs 4	2	8	×	8	y	y	
2 MM Whit Murkham	Date (c. 18 Start O(6'50 Stop09': 26 total hrs 2. 5	ø	8	Ø	. 13	Y	old (not much sunlight in mo suitable habita cold temps. Cre unning very lo
NM_	Date 7/2/03 Start 07/0 Stop 9940 total hrs 2,5	Ø	ø	ø	2	Υ.	V 8	arrived more try. No other astble chang
	Date start stop total hrs							
-	Date start stop total hrs			3				
otal only resident WIFLs) otal survey hrs		Adults	Pairs 7	Territories :	, 1	Were any WIFLs if yes, report colo back of form		Yes No

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Appendix I. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Boro Name Phone # 505-828-9455
Affiliation WAKS A of I no Brail Kborgmannehowksalff. 5
Site Name TON MIL CITE COME Did you verify that this site name is consistent with that used in previous years? (Yes) No (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) Suguitable 64 M
Length of area surveyed: Length of area surveyed: (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes/No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow)
☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)
Identify the 2-3 predominant tree/shrub species: Aspen, Willow, Spruce
Average height of canopy: 50 ft (specify units)
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) Distance from the site to surface water or saturated soil: (specify units)
Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) If yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (attach additional sheets if necessary): that although site, very little water
in creek Not very soutable habitati

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Site Name /	a Gari	ta Cr	cek		~	Was site s	urveyed in p	revious year? Yes No
County Sag Is co	py of USGS ma s: Start: N	p marked 1 4/85 4/85	State Could survey	area and W E 038 E 0 29 circle one)	TFL sight 732(atings attach	ed (as requir IM IM Z	ountains SE red)? Yes 10 No Some 135
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nes contents or number of fledges seen; potential threats)
KEppus	Date 128 start 15 stop 1.20 total hrs 3.2	0	0	ð	N	y 12-15	Recent Sign	Beaveractivit
2 NM Whit Morkham	Date 6 5 8 Start 0606 Stop (000 total hrs 1.9	ø	ď	.8	. 7	wary	Ypies	not work spark willow. BIG a a ps between borsh patchel
3 WM_	Date 7/1/03 Start 0710 Stop 0936 total hrs 2.3	8	d	ø	2	many	4	cows grating all the way up to river, only on east side of route
	Date start stop total hrs			111				
	Date start stop total brs		-				-	
Overall Site Sum (Total only resident V		Adults	Pairs	Territories	Nests		Ls color-banded	? Yes No

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Appendix I. Cont.

Fill in the following information completely. Submit origin	al form. Retain copy for your records.
Name of Reporting Individual Kathi Borgmann	Phone # 505-828-9455
Affiliation Hanks Alaft, Inc	Email Kborgmannehowksal of
Site Name La boritu Creek. Did you verify that this site name is consistent with that used in previous year	rs? Yes No (circle one)
Management Authority for Survey Area (circle one): Federal Mu	unicipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest)	mache DEM
Length of area surveyed: 1, 3 miles (specify units, e.g., miles = mi, kilom	eters = km, meters = m)
Did you survey the same general area during each visit to this site this year?	Yes/No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year?	Yes No If no, summarize in comments below.
Not Surveyed last year	
(entirely or almost entirely, includes high-elevation willow)	ixed native and exotic plants (mostly native) totic/introduced plants (entirely or almost entirely)
Average height of canopy: 4.5 m (specify uni	ts)
Was surface water or saturated soil present at or adjacent to site? Yes No Distance from the site to surface water or saturated soil: Only at Deaver Dono Did hydrological conditions change significantly among visits (did the site floo If yes, describe in comments section below.	ify units)
Remember to attach a xerox copy of a USGS quad/topographical map (REQUII location of WIFL detections. You may also include a sketch or aerial photographs survey route in relation to patch, and location of any willow flycatchers or willow photographs are welcomed, but DO NOT substitute for the required USGS quad	ph showing details of site location, patch shape, w flycatcher nests detected. Such sketches or
Comments (attach additional sheets if necessary): Marginal habita	t. Not much juillous
	12

d at lence

Appendix I. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Site Name C	rave Var	d Gul	ch			_Was site s	urveyed in p	revious year? Yes No		
If yes, what site	name was used?	NA			:+0			3 h 1		
	ppy of USGS map	marked w	vith survey	area and W	IFL sigh	tings attach	ed (as requir	red)? Tes DNo		
	Stop: N_	feet	méters (c	pircle one)		back of this	1147 2	tone <u>/ 3</u> \$		
Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, nes contents or number of fledges seen; potential threats)		
Kathi Borgmann	Date 5/25/03 start 0622 stop 0652 total hrs 0.5	0	0	D	N	N	tracks Pies	No suitable habite one group of wills twigs, 1.75 m to 11 Very little mater		
2 INM Whit Markham	Date 6 19 Start 0705 Stop 0730 total hrs 0.5	d	6	. #	. 13	N	Y, Halks	no change		
3 WM	Date 7 4 Start 0 8 2 8 Stop 0 8 4 5 total irs 0 . 25	Ø	ø	8	N	2	Y tracks	very little Hzo in creek only in sections		
	Date start stop total hrs									
	Date start stop total brs			2						
Overall Site Sur		Adults	Pairs	Territories	Nests		Ls color-bande			
(Total only resident Total survey hrs	120	ø	8	8	ø	If yes, report of back of form	If yes, report color combination(s) in the comments a back of form			

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Appendix I. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.	
Name of Reporting Individual Kathi Boroworn Phone # 505-828-9455	
Affiliation Hawks Aloft, Inc Email Kereamonn Chayksal	061.0
Site Name Graveyard Gulch Did you verify that this site name is consistent with that used in previous years? (Yes No (circle one)	•
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private	
Name of Management Entity or Owner (e.g., Tonto National Forest) Saguache BLM	-25
Length of area surveyed: O. 9 km (specify units, e.g., miles = mi, kilometers = km, meters = m)	
Did you survey the same general area during each visit to this site this year? Fes No If no, summarize in comments below.	,
If site was surveyed last year, did you survey the same general area this year? Yes / No H no, summarize in comments below.	
NA NA	
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants Mixed native and exotic plants (mostly native) (entirely or almost entirely, includes high-elevation willow)	
☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)	
Identify the 2-3 predominant tree/shrub species: Gooseberry big Sagebrush, Juniper	
Average height of canopy: 15 waters (specify units)	
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) Small smount of a light Distance from the site to surface water or saturated soil: Sec Commissional Small smount of a light water into	10.15
Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) If yes, describe in comments section below.	
Remember to attach a zerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.	L
Comments (attach additional sheets if necessary): No will him pathos than elevation.	

Appendix I. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

	8							
Site Name GV If yes, what site	name was used	Gulca PNA	h Ea.	stikh	+ORK	- Was site si	urveyed in p	revious year? Yes (No)
County S	o quach	e	State C	D US	GS Quad	Name_G	raveya	rd Gulch
Is co.	py of USGS ma, e: Start: N	p marked w 4 2 2 7 4 2 2 9 feet	with survey 920 1151 t/meters of	area and W E 040 E 040 circle one)	IFL sigh 6 5 6 2 6		ed (as requir IM IM Z	red)? S Yes I No Cone
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nes contents or number of fledges seen; potential threats)
1 Kathi Borgmainn	Date 5/80/03 start 0 705 stop 0 747 total hrs 0 . 75	0	0	D	N	(1)	Y Tracks Pics	NO Suitable habit 2 groups of ~ 7 Willows 2.5 m to intermittent Water
2 WM Whit Morkham	Date 6 (19/03 Start 0 5 4 5 Stop 6 6 10 total hrs ^ 0.5	Б	Ø	ø	.2	2	old pies	No Suitable Mabital No Higo in creek
3 WM_	Date 714 Start 0750 Stop 0810 total hrs 20 m in	Ø	ø	ø	2	2	Υ	no change. Ground very dry.
	Date start stop total hrs			<i>x x x x x x x x x x</i>	t)		*	8.0 Sec
	Date start stop total hrs							E 2
Overall Site Sum		Adults	Pairs	Territories	Nests	Were any WIFI	s color-banded	7 Yes No
(Total only resident V	VIFLs)	Ø	Ø	6.		If yes, report co back of form	lor combination	a(s) in the comments section on

Name of Reporting Individual Kathi Bo Ra mann Date Report Completed 7/11/03

Appendix I. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Boks Mann Phone # 505-821-9455
Affiliation Howks Aloft, Inc Email Khorawann Chewksaloft.
Site Name Graveyard Gulch Eastern Fock Did you verify that this site name is consistent with that used in previous years? Yes No (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) Sagua the BLM
Length of area surveyed: 1.6 K (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes / No If no, summarize in comments below.
N A
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow) Mixed native and exotic plants (mostly native) Exotic/introduced plants (entirely or almost entirely)
Identify the 2-3 predominant tree/shrub species: Goos berry, Aspen Duiper, Robbit brush Porteros
Average height of canopy: 15 - 20 n (specify units)
Was surface water or saturated soil present at or adjacent to site? See No (circle one) Was recommend (specify units)
Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) If yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections: You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (attach additional sheets if necessary): No Suitable habitat

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Appendix I. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

	copy of USGS nates: Start: NStop: N2655	122° 422° 422° 1	ed with surv 8338 1969 feet / meters	ey area an E 04 E 04 Icircle one	d WIFL s 0486 0498 0498	on back of th		ired)? Ses I No Zone 135
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFL Found	Estimate	d Estimat	ted Nest	(s) Cowbird	s Presence of	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, ne contents or number of fledges seen; potential threats)
1 Kothi Biramonn	Date 5/30/03 start 08/6 stop 0829 total hrs 0,25	0	0	.0	N	N	tracks t Pies	No Suitable habi No willows No Water in Creek
2 NM WhiL Markham	Date 6 1965 Start 0623 Stop 6650 total hrs 4.6	Ø	ø	8	1.13	23	Y, trocks	no change
3 W M	Date 7/4 Start 8:55 Stop 0 9 20 total hrs 0.5	ø	ø	ø	2	2	Ytracks	no change. Very dry ground.
	Date start stop total hrs		+					12
	Date start stop						-	
verall Site Summotal only resident W		Adults /	Pairs T	erritories	1		color-banded?	Yes No

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Appendix I. Cont.

Fill in the following information completely. Submit or	
Name of Reporting Individual Kathi BORG Mann	Phone # 505-828-9455
Affiliation Hawks Moff, Inc	Email Kborgmanne hawksaist.
Site Name Graveyard Guich Western Fork Did you verify that this site name is consistent with that used in previous	· ·
Management Authority for Survey Area (circle one): Federal	Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest)	iquartic BLM
Length of area surveyed: 0. 45 km (specify units, e.g., miles = mi, kil	iometers = km, meters = m)
Did you survey the same general area during each visit to this site this year	r? Es No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this ye	ar? Yes / No If no, summarize in comments below.
(entirely or almost entirely, includes high-elevation willow)	Mixed native and exotic plants (mostly native) Exotic/introduced plants (entirely or almost entirely)
Average height of canopy: 20 Net/S (specify	
Was surface water or saturated soil present at or adjacent to site? Yes Distance from the site to surface water or saturated soil: No H2 D (significantly among visits (did the site to	pecify units)
If yes, describe in comments section below.	
Remember to attach a xerox copy of a USGS quad/topographical map (REQ location of WIFL detections. You may also include a sketch or aerial photosurvey route in relation to patch, and location of any willow flycatchers or we photographs are welcomed, but DO NOT substitute for the required USGS of	graph showing details of site location, patch shape, illow flycatcher nests detected. Such sketches or
Comments (attach additional sheets if necessary); No Sunta ble	habitat

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Site Name Pass If yes, what site name w					Was site s		revious year? Yes 💿
Is copy of US Site Coordinates: Start: Stop: Elevation \$500 - 5	N 422683 N 422683 N 422683 8700 (ee	with survey 83 8 meters (c	area and W B 6370 B 0370 ircle one)	IFL sigl 747	htings attache	ORHO † ed (as requir IM Z	Mountain Pass red)? Dixes □ No Cone_13.5
	m/d/y) Number of WIFLs y time Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N		Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, nes contents or number of fledges seen; potential threats)
1 Date S start le stop 8 Markham total irs	00	6	B	2	Y	old pies	very little nabitat willow patche spread out. uttle water
2 M M Date 6 Start 05 Stop 66 total hrs	235 d	ø	d	2	Ý	old pies	no change
Date 7 Start O Stop O	610	ø	Ø	2	2	1	frost on the ground. The valley stays coo until at least
Date start stop total firs				*			
Date start stop total brs							
Overall Site Summary (Total only resident WIFLs) Total survey hrs 4, 5	Adults Ø	Pairs	Territories	Nests	Were any WIFI If yes, report on back of form		17 Yes No

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Appendix I. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kath Borgmann Phone # 505 - 828 - 9455
Affiliation HailKs Aloft, Inc Email Kborgmannehotmail.co
Site Name Pass Greck East Did you verify that this site name is consistent with that used in previous years? Yes No (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) Saguache BLM
Length of area surveyed: ~1.5 km (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes/No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes / No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow) Mixed native and exotic plants (mostly native) Exotic/introduced plants (entirely or almost entirely) Identify the 2-3 predominant tree/shrub species: Willow . rabby to the control of the contro
Average height of canopy: 3.5 w (specify units)
Was surface water or saturated soil present at or adjacent to site? Ves No (circle one) Distance from the site to surface water or saturated soil: w (specify units)
Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) yes, describe in comments section below.
temember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and ocation of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, urvey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or hotographs are welcomed, but DO NOT substitute for the required USGS quad map.
omments (attach additional sheets if necessary): (reet is not running. Standing. under offerved at first visit dried betope betope interning) for Zild and 3rd Surveys.

Appendix I. Cont.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Site Name +	ass Cre-	NA	Nest		- 4	Was site s	urveyed in pr	revious year? Yes No
County Sao	juache		State_ (D US	GS Quad	Name I	ickle	Mountain
Site Coordinate	s: Start: N 4	22+2 2282	% meters (c	E 0366 ircle one)	7270	U.	rm z	red)? ■ Yes □ No Sone <u> 3</u> S
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
Pom Clark	Date 5-30-07 start 5-4-5 stop 8.00 total hrs 2.25	9	Ø	P	y	Y	(outpies traces	good Palve habited - only a few larger strang of will Dw - Standing water
2 WM Whit Markham	Date 6 16 Start 06 55 Stop 6 9 7 6 total hrs 2 . 5	Ø	Ø	ø	.2	Y	Y. old pies	No charge six ce last without patches very thin very little water in creek.
3 WM	Date 7/3 Start 06 20 Stop 0 9 00 total hrs ~2.5	Ø	ø	b	2	Y	old ples	wery very little water in creek.
	Date start stop total hrs							
	Date start stop total firs		-					
Overall Site Sur	_	Adults	Pairs	Territories	Nests	Were any WIF	Ls color-banded	17 Yes (No)
(Total only resident WIFLs) Total survey hrs 7.25		Ø	8	8	Ø	If yes, report o back of form	olor combination	n(s) in the comments section on

Appendix I. Cont.

Fill in the following information completely. Submit orig	
Name of Reporting Individual Kathi Borg Manie	Phone # 505 - 828 - 9455
Affiliation Hawks Aloft, Inc	Bmail Kborgmanne hanka
Site Name_ Pass Creek	2
Did you verify that this site name is consistent with that used in previous ye	ears? Yes No (circle one)
	Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) 5	guache BLM
Length of area surveyed: 2.0 mi (specify units, e.g., miles = mi, kilo	meters = km, meters = m)
Did you survey the same general area during each visit to this site this year?	Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year \bigcirc /\mathcal{A}	r? Yes / No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this Native broadleaf plants (entirely or almost entirely, includes high-elevation willow)	s site comprised predominantly of (check one): Mixed native and exotic plants (mostly native)
그래 그 그래 그는 그리고 그리고 내는 가장 그리고	Exotic/introduced plants (entirely or almost entirely)
Identify the 2-3 predominant tree/shrub species: Oillow, C.3 per	n, rabbitonsh, coosebern,
Average height of canopy: 7-8 m (specify u	mits)
	THE STATE OF THE S
Was surface water or saturated soil present at or adjacent to site? Yes No Distance from the site to surface water or saturated soil: (specific properties of the site o	(circle one) ecify units)
Did hydrological conditions change significantly among visits (did the site flor If yes, describe in comments section below.	ood or dry out)? (Yes) No (circle one)
Remember to attach a xerox copy of a USGS quad/topographical map (REQU location of WIFL detections. You may also include a sketch or aerial photographical relation to patch, and location of any willow flycatchers or will photographs are welcomed, but DO NOT substitute for the required USGS qu	raph showing details of site location, patch shape, llow flycatcher nests detected. Such sketches or
Comments (attach additional sheets if necessary): Although creat first visit it contained to the n	less mater with each

Appendix I. Cont.

	Saguac ite name was used			3				previous year? Yes No
County <u>Sa</u>	quache		State_C	O US	SGS Qua	d Name La	Ke Mo	untain NE
Is a Site Coordina	Stop: N 4	7 Z Z 3 2 fee	t/meters	E 038	797	htings attach U U U U U U U U U U U U U	ΓM . 2	red)? Xes \(No\) Zone \(\frac{135}{} \)
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Detected?	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, ne contents or number of fledges seen; potential threats)
Pam Clark		1	Ø.	1	Ø	Y	but from previous year	strand on E. side over-possides myrant.
2 WM	Date (c 17 Start 0740 Stop 0815 total hrs 35 mm	ø	ø	ø.	2	Y	old res	wife not in previous place. Last souting probably a migrant
WM_	Date 7/5 Start 0 7/5 Stop 0 8 \ 5 total hrs 0.5	Ø	8	B	. 2	Y	old pies	no change since last visit Ciround dryer.
	Date start stop total hrs							
	Date start stop total hrs			ī.	4		,	
Overall Site Sur Total only resident Otal survey hrs	WIFLs)	Adults	Pairs	Territories	Nests	Were any WIFL If yes, report col back of form		Yes (8) in the comments section on

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Appendix I. Cont.

Fill in the following information c	ompletely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Bo	Rgmann Phone # 505-828-9455
Affiliation Ha WKS Aloff	Email Khorgmanne hawkalof
Site Name Saguache Cree Did you verify that this site name is consistent with	that used in previous years? Yes No (circle one)
Management Authority for Survey Area (circle one	
Name of Management Entity or Owner (e.g., Tonto	National Forest) Saguache BLM
Length of area surveyed:, 3 km_ (specify uni	its, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each v	isit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the sar	ne general area this year? Yes / No If no, summarize in comments below.
 Native broadleaf plants (entirely or almost entirely, includes highly mixed native and exotic plants (mostly) 	
Average height of canopy: 3-4 mete	(specify units)
Was surface water or saturated soil present at or adja Distance from the site to surface water or saturated so	cent to site? Yes No (circle one) C. b+
Did hydrological conditions change significantly amo If yes, describe in comments section below.	ong visits (did the site flood or dry out)? Yes No (circle one)
location of WIFL detections. You may also include a	pographical map (REQUIRED) of the survey area, noting the survey site and sketch or aerial photograph showing details of site location, patch shape, willow flycatchers or willow flycatcher nests detected. Such sketches or or the required USGS quad map.
Comments (attach additional sheets if necessary): east end of bandany.	WIFL #1 135 0387971 4228337->
Visible Standing water at season. Caround very dry	at last check.
	The state of the s

Appendix J. Universal Transverse Mercator coordinates and numbers of Willow Flycatchers detected during survey periods one, two, and three at Saguache Creek.

Site	Survey period	Number detected	Easting ¹	Northing ¹
Saguache Creek	1	1	387971	4223337

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 Albuquerque, NM 87184
 (505) 828-9455
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Appendix K. Universal Transverse Mercator coordinates and numbers of Willow Flycatchers detected during survey periods one, two, and three in areas managed by the U.S. Fish and Wildlife Service.

Fish and Wildlife Service.				
Site	Survey period	Number detected	Easting ¹	Northing ¹
Alamosa National Wildlife Refuge South	1	2	429400	4143220
		1	429381	4143075
		2	429830	4142753
		3	430193	4142690
		1	430433	4142543
		1	430954	4142016
		2	432002	4136902
		1	431733	4136722
		1	432414	4135435
		1	432551	4135158
		1	432510	4134995
Alamosa National Wildlife Refuge South	2	1	430819	4138439
<u> </u>		1	430915	4138337
		2	431144	4137515
		2	431080	4137435
		1	431461	4137499
		2	431438	4137175
		1	432019	4136930
		1	431862	4136779
		1	431720	4136728
		1	431918	4136037
		1	431995	4135970
		1	432409	4135407
		1	432412	4135084
		2	430294	4142666
		1	430213	4142740
		1	429691	4142858
		1	429737	4142835
Alamosa National Wildlife Refuge South	3	1	429704	4142865
_		2	430297	4142674
		1	430983	4141859
		1	430800	4138456
		1	429795	4142800
		1	430853	4138426
		1	430923	4138291
		1	431179	4137652
		2	431137	4137496
		1	431078	4137427
		1	431408	4137604
		1	431467	4137508
		1	431441	4137175

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Appendix K. Cont.

Site	Survey period	Number detected	Easting ¹	Northing ¹	
Alamosa National Wildlife Refuge South	3	1	431931	4137176	
		2	431803	4136745	
		1	431749	4136732	
		1	431685	4136455	
		1	431927	4135951	
		1	432421	4135387	
		2	432396	4135087	
Lil' Pop	1	1	425447	4146196	

¹All UTM coordinates (easting, northing) in zone 13S NAD 27.

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Appendix. L. Data forms for Southwestern Willow Flycatcher surveys in areas managed by the U.S. Fish and Wildlife Service.

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Is co Site Coordinate	py of USGS map s: Start: N Stop: N 4 500	marked w 4143 4134	vith survey 815 044 Imeters (c	area and W B 043 B 043 ircle one)	IFL sight	tings attache	a Sau ed (as requir M M Z	east, Pikes Stoce Ses Pres No one 13 S
Survey# Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N		Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding number of nests, nest contents or number of fledges seen; potential threats)
X- ganso	Date S (20) 03 start S: 36 stop 9: 40 total hrs 4:	15	· N	HW.	N	y 20+	Y	ser attached
2 MM white morkham	Date 6 2 1 03 Start 5 . 50 Stop 10 : 00 total hrs 4.15	21	4	17	. 12	Y	MORREY	many WIFLS From all or other side of river Most habitat hear northern most probably more wi
3 W M	Date 6 30 63 Start 0 5 3 0 Stop 0 9 3 5 total hrs 4	24	4	20	2	wony	Y	WIFL'S found in same areas. Palis also in same oreas. Willow patches slightly dryer.
	Date start stop total hrs		8			-		Ü
	Date start stop total hrs		=		1			
Overall Site Summary (Total only resident WIFLs) Total survey hrs 12, 15		Adults 24	Pairs 4	Territories	Nests		Ls color-banded	i? Yes No

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Appendix L. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Boramann Phone # 505-828-9455
Affiliation Howks Hoff Brail Kborgmanne hawksaloff.
Site Name Alamosa NWR South Did you verify that this site name is consistent with that used in previous years? Yes No (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private Name of Management Entity or Owner (e.g., Tonto National Forest) Ala MoSa National Wildlife Refuse
Length of area surveyed: Relation Relation
Did you survey the same general area during each visit to this site this year? Es No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants (entirely or almost entirely, includes high-elevation willow) Mixed native and exotic plants (mostly exotic) Exotic/introduced plants (entirely or almost entirely) Identify the 2-3 predominant tree/shrub species:
Average height of canopy: 3.5 m (specify units)
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) Distance from the site to surface water or saturated soil: (specify units)
Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes (No) (circle one) if yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and ocation of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, urvey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or shotographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (attach additional sheets if necessary): Site 15 dry land surray ad way the Roo Caratale Vast major the of habitatis found on lives I sale at novel which many less private land.
So. Attached IsTM

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Willow Flycatcher Survey and Detection Form (rev. 4/98)

		uosa	, , , , , , , , , , , , , , , , , , ,		Co			i Name		osa East
Site Coord	_ S	ton: N/	41467		E 04	2.4=			UIM	zone 3 S
		it.	** Fil	l in addition	nal site in	formatio	on on	back of th	is page **	
Survey # Observer(s)	Date (m/d/y) Survey time	Numbe of WIFI Found	s Numbe	Numb	er of F	Vest(s) ound? or N	Cowbirds Detected? Y or N		(e.g., evidence of pairs or
Pan a	star stor	te 5-31-03 tt 5:46 9:30 1hrs 3 ³ 4	1	0	1	1	١	Y	bones, Coupies, inemy graph	most of the willia are not dense an have nowater - may be hire habitat. Area South of dam is good habitat
Whit Morkham	Star Stop	05 15 09 20 hrs 3.5	Ø	8	a d		١	Y	Υ	no NIFI IN Previous signifina area. Willow patches relative diy.
3 WM	Start Stop total h	6/27/03 0540 0855 rs3,15	ø	d	Ø	2		Y	V	no change villow patches vite dry. Ro mning much lower
	Date start stop total hrs	_			•			(a)		
	Date start stop total brs				.14					
verall Site Sun otal only resident		A	dults	Pairs 7	erritories	Nests	Wer	e any WIFLs	color-banded?	Yes (No
tal survey hrs		+ 8	3	Ø	Ø	Ø	If yes	s, report color of form	combination(s)	in the comments section on
ne of Reporting	g Individ	ual Ka	thi F	DORGIN	Jann		Date	Panort C	ompleted =	Philo3

<u>Hawks Aloft, Inc.</u> P.O. Box 10028 Albuquerque, NM 87184 (505) 828-9455 Page 97 of 98

Appendix L. Cont.

Fill in the following information completely. Submit original form. Retain copy for your records.
Name of Reporting Individual Kathi Bokamann Phone # 505-828-9455
Affiliation Hawks Alaft, Inc Bonail Kborgmanne hawksalst.or
Site Name Lil' Pop Did you verify that this site name is consistent with that used in previous years? Ves No (circle one)
Management Authority for Survey Area (circle one): Federal Municipal/County State Tribal Private
Name of Management Entity or Owner (e.g., Tonto National Forest) A lambsa Nahonal Wild He Refuge
Length of area surveyed: 6 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)
Did you survey the same general area during each visit to this site this year? Yes No If no, summarize in comments below.
If site was surveyed last year, did you survey the same general area this year? Yes / No If no, summarize in comments below.
Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one): Native broadleaf plants

Average height of canopy: 3-4 meters (specify units)
Was surface water or saturated soil present at or adjacent to site? Yes No (circle one) only in the site of the dam the site to surface water or saturated soil: (specify units) The dam No distance if water present Did hydrological conditions change significantly among visits (did the site flood or dry out)? Yes No (circle one) If yes, describe in comments section below.
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and ocation of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or whotographs are welcomed, but DO NOT substitute for the required USGS quad map.
Comments (ettach additional sheets if necessary): UIFL #1 - fond South of the dam - Cross the dam - do not cross tenes continue southeast 10th of was 185 0425447 4146196 - responded to tape.
Area is quite overanged. Relatively poor habitat