IAP BICY COMPLEX FL-BCP-000044 SUNDAY JUNE 3, 2007 DAY 0800-2000

SOUTHWEST AREA INCIDENT MANAGEMENT TEAM JEFF WHITNEY – IC

HELICOPTER PERFORMANCE AND EFFECTIVENESS

Certain helicopter missions push the limits of the aircraft's performance capabilities. Items that reduce the effectiveness and increase the risk of the mission include weight, temperature, altitude, and visibility.

- Helicopter missions that transport external loads increase risk.
- Helicopters reach their maximum performance capabilities as temperature and/or altitude increase.
- All helicopters have different maximum performance capabilities, so be aware of the capabilities of the specific helicopter that you are working with.
- Low-level helicopter operations often occur in heavy smoke where hazards (e.g., trees, snags, antennas, visibility, turbulence, and other aircraft) increase the risk level significantly.
- Determine the risk level for every mission. Is the risk level acceptable? Can the risk be mitigated? If the risk is not acceptable or it cannot be mitigated, then the mission should not be flown.
- A large part of the success of a helicopter mission is the result of good communications between the pilot and the user on the ground.
- Accurate target and hazard descriptions are essential to a safe mission. Locate this information and relay it to the pilot. Things to consider in the target description include:
 - Have you considered what the target would look like from the air?
 - Are you located where the pilot can see you?
 - Do you have a signal mirror?
 - Are you using cardinal directions or clock directions in relation to the track of the aircraft?
 - What is the wind direction? Provide this information to the pilot.
 - Are all firefighters clear of the drop area?
 - Is there a safer way to carry out an effective suppression action?

		1. Incident Name		2. Date Prepared	3. Time Prepared
	Incident Objectives	BIC	CY_COMPLEX	06/02/07	1800
					1000
4. Op	erational Period 06/03/0	7 Sunday [Day Shift 0800 - 2000		
5. Gen	eral Control Objectives for the incident	(include alterna	tives)		
<u>Co</u>	mmanders Intent:				
1.	The highest priority is to protect human life refuge. Provide for the safety of all incident operations.		8		1
2.	Ensure prompt and accurate communication Agency, Seminole and Miccosukee Tribal re				, BIA Seminole
3.	Utilize all available suppression methods ar	nd tools to confine a	all fires within the Preserve.		
4.	Provide initial attack within the Big Cypress within 2 miles of the reservation boundary. tribal representatives.				
5.	Think, plan, mitigate risk, and communicate	e leader's intent. Be	e disciplined and boldly enga	ge in our mission.	
<u>Ta</u>	ctical Objectives				
1.	Maximize suppression opportunities utilizir reduce impacts on the land and resources w and cultural features.				
2.	Utilize mist and light-handed tactics when a actions with assigned Resource Advisors.	ppropriate to prev	ent unnecessary resource dan	nage. Coordinate all	planned tactical
3.	Keep the Strickland fire, within the Preserve	, south and west of	f the sanctuary and south of the	ne Seminole Indian R	eservation boundary.
4.	Keep the Midrest fire, within the Preserve, n National Wildlife Refuge.	orth of I-75, south	of the Seminole Indian Reser	vation, and east of th	e Florida Panther
5. 6.	FT6, Trail, Shepherd, O'Leary, and Boundary Implement contingency burn-out actions for		-		
6. Wea see att	ather Forecast for Period ached				
7. Gen	eral Safety Message				
Gators	will eat you, Snakes will poision you a	nd the Roads wi	ill kill vou. Be careful out	there.	
	ays and dirt roads will be very slick. Dr		,		
8.	Attac	hments (mark if	attached)		
	Organization List - ICS 203	Incident Map		BICY Complex C	cell Phones
	Div. Assignment Lists - ICS 204		_	Unit Log - ICS 21	
	Communications Plan - ICS205	Traffic Plan		2 Log 100 L	
		_	and Fire Behavior		
		_			
	Air Operations Summary - ICS 220	Accident Acti			
9. Pre	pared by (Planning Section Chief)		10. Approved by (Incident Co /s/ Jeff Whitney	mmander)	
ICS 2	02	Fina	1	Page of	ICS 202 Forms

ORGANIZATI	ON ASSIGNMENT LIST	9. Operation	s Section
1. Incident Name		Chiefs	HUGHES, DUGGER
2. Date Prepared	CY_COMPLEX	WICKHAM, BUCK	MILLER, RICHARD (t)
06/02/07	3. Time Prepared 0823	a. MIDREST	FIRE
4. Operational Period 06/03/07 Sunda	y Day Shift 0800 - 2000	Branch Director	
Position	Name	Deputy	
5. Incident (Commander and Staff	Division H	Unstaffed
Incident Commander	WHITNEY, JEFF	Division I	GILBERT, ROCKY
Deputy	VAN BRUGGEN, BILL	Division J/K	CLAUSON, BILL
Safety Officer	COPP, RUSS	Division	
Information Officer	WIRTZ, ART	Division/Group	
Liaison Officer	CLAWSON, JAMES	b. STRICKLA	ND FIRE
6. Agen	cy Representative	Branch Director	
Agency	Name	Deputy	
BIA	Joe Frank/Jamie McDaniel	Division A/B	BRITTAIN, JAMES
DOF	Hank Graham	Division C/D/E/FT6	Unstaffed
Ochopee VFD	Paul Wilson	Division Z	ARTHUR, BOB/STEWARD, D
Collier Co Sheriff	Dan Hernandez	Div Sheppard/O'Leary/Boundary II	Unstaffed
DEM Seminole Tribe	Amy Howard	Division/Group	
7. PI	anning Section	c. PANTHER	/BURN GROUP
Chief	TEMPLIN, CLAY	Branch Director	
Chief	LANE, CONNIE (t)	Group PANTHER	DAUGHERTY/CLAWSON
Resources Unit	KOHLER, RUTH		
Demobilization Unit	COOLEY, JAMES		
Fire Behavior Analyst	DAVIS, MICHAEL	Division/Group	
GIS Specialist	LOHR, STEVE	Division/Group	
Computer Specialist	ROLL, MELLONY	Division/Group	
IMET	GOUDSWARD, JOE	d. Air Opera	ations Branch
Training Specialist		Air Operations Branch Director	SCHWAB, PETE
		Helibase Manager	PATER, MARK
Resource Advisor	CLARK, RON (Chf Nat Resources)	Air Attack Supervisor	HAYES, FRANK; DUSTIN, GIL
Resource Advisor	JANSEN, DEBORAH (Wildlife)	Air Support Supervisor	CLARK, DON
Resource Advisor	BURCH, JIM (veg)	Helicopter Coordinator	
8. Lo	gistics Section	Air Tanker Coordinator	
Chief	RYAN, EDWARD	10. Financ	e Section
Deputy		Chief	LEE, SUSAN
Supply Unit	CARR, HOLLY	Deputy	
Facilities Unit	SUNDT, CHUCK	Time Unit	
Ground Support Unit	DUFOUR, LES	Procurement Unit	HYDE-SATO, DOUG
Communications Unit	COYNER, TAD	Compensation/Claims Unit	
Medical Unit	REYES, GEORGE	Cost Unit	VALENTINE, DONNA
Security Unit	RICHARDSON, ERIC	Prepared by (Resource Unit Leade	r)
Food Unit	BROWN, ALVIN	-	
ICS 203		FINAL	Page of ICS 203 Forms

FIRE WEATHER FORECAST

FORECAST NO. 19	NAME OF FIRE: <u>BICY Complex</u>
UNIT: <u>All Units</u>	PREDICTION FOR: SUNDAY 6-03-07
TIME AND DATE FORECAST ISSUED:	SIGNED: /s/ Joseph Goudsward 2000 HRs 6-02-07 Incident Meteorologist

WEATHER DISCUSSION:

The remnants of what was once Tropical Storm Barry, currently over the South Carolina coast, will continue to move along the eastern seaboard over the next 48 hours. In its wake, a weather pattern more reminiscent of southern Florida will return, characterized by warm and dry conditions with afternoon thunderstorms developing in the heat of the day. Upper level high pressure will once again build over the region around mid week with a continuation of hot, humid and mainly dry conditions with only an occasional late day shower or thunderstorm expected.

WEATHER FORECAST:

TODAY: Mostly clear this morning, becoming partly cloudy with isolated evening showers and thunderstorms. Chance of rain is 30% CHANCE OF WETTING RAIN: 10% MAX TEMPS: 84 to 88 MIN RH: 50 to 55% 20 FOOT WINDS: West to southwest 10 to 15 mph **DISPERSION INDEX:** 70 STABILITY/INVERSION: Weak inversion this morning, breaking no later than 10 a.m. Afternoon mixing height: 5000 feet Transport winds: West to southwest 20 to 25 mph TONIGHT: Partly cloudy with isolated evening showers and thunderstorms. Chance of rain is 20% CHANCE OF WETTING RAIN: 10% MIN TEMPS: 66 to 69 MAX RH: 97 to 100% 20 FOOT WINDS: West becoming southwest late 3 to 6 mph MAX LVORI: 9 DISPERSION INDEX: 3 MONDAY: Partly cloudy with isolated afternoon showers and thunderstorms. Chance of rain is 20% CHANCE OF WETTING RAIN: 08 MAX TEMP: 87 to 91 MIN RH: 46 to 50% 20 FOOT WINDS Southwest 10 to 15 mph **DISPERSION INDEX:** 68 OUTLOOK FOR TUESDAY: Partly cloudy with isolated afternoon showers and thunderstorms. Chance of rain is 10% CHANCE OF WETTING RAIN: 0% MAX TEMP: 89 to 93 MIN RH: 42 to 46% 20 FOOT WINDS: Southwest 10 to 15 mph.

Observations	from	Saturday	(through (6 PM):
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	High Temp	Min RH %	Low Temp	Max RH %	Peak Gust	Event Rainfall
BICY Portable	87	59	69	100	SW 25 mph	(At ICP) 1.40"
Raccoon Point	86	57	70	100	SW 30 mph	2.97"
Mile City	85	59	68	96	SW 26 mph	1.49"
Naples	83	60	68	94	SW 37 mph	1.53"

FORECAST NO: 21

NAME OF FIRE: BICY Complex PREDICTION FOR: DAY SHIFT

UNIT: Big Cypress National Preserve SHIFT DATE: Sunday June 03, 2007

TIME AND DATE ISSUED: 6/02/07 19:30 ISSUED BY: Mike Davis, FBAN

Weather Summary: SEE FIRE WEATHER FORECAST- note chance of showers and thunderstorms.

FIRE BEHAVIOR

GENERAL: With the drying yesterday afternoon and the drying predicted for most of today- activity should be easier to detect, particularly as the day progresses.

Any spread should be limited to the immediate areas of latent heat and favorable fuels.

By Wednesday, fire behavior will increase back to previous conditions. It will take 10 inches to get things back in order.

Predicted Dispersion Index will be 70.

Heat exists in fat lighter (resinous) pine stumps, heavy fuels, sheltered fuels, and deep duff.

Smokes should start picking up as the day dries in the afternoon. Previous locations that appeared quiet will show activity in the afternoon. Communicate any changes in fire behavior.

Watch for pine needle-cast draping onto existing heat. It doesn't appear to be enough to carry yet, but may in a day or so, particularly in stands of heavier pine that received more scorch.

Safety:

Watch for weakened snags and live trees that have lost root mass and support.

Divisio	on Assi	gnment List	t	1. Branch				2. Divi	sion/Group H - N	/lidr	est
3. Incident Name	BICY_CC	-		4. Operational	Period 06/03/0	7 9	Sunday	Day Shi	ft 0800 - 20		
5.				Operatio	ons Person		bunuay	Day Sill	11 0000 - 20	00	
Operations Chief	H	UGHES, DUGO	EB. MI				Supervis	or			
Operations Chief		ILLER, RICHAI			Air Attack				FRANK; D	USTI	
Branch Director					Safety Of	-		COPP, F		0011	N, CIL
				Deserves	-		:I	0011,1	1000		
6.				Resources A	-		Trans.				
Strike Team/Task	k Force/ Re	esource Designator		Leader		Pers.	Y/N	Drop Off	PT./Time	Pi	ck Up PT./Time
UNSTAFFED											
7. Control Opera Monitor by air.	itions		·		·				·		
8. Special Instruction If there are any grou		nces. DIVS are to (GPS and re	eport to SITL.							
Record hourly weath	ier observa	tions and get to IMI	ET at end o	of shift.							
Initial Attack: 1SJ plu T6 Engl	ines if requ	ested and fire is ac	cessible								
Buggy# Bucket and SEAT Su	3 will be fir	st response for IA -	other bug	gies will respond if	needed.						
Recon for DIVS.	upport as ne	eeded.									
0			Divi								
9. Function	Frequenc	cy - RX Frequer		sion/Group Com Tone	Syst			Channel	System	1	Channel
Command	172.42		-	103.5	Kir		 `	3	- Cyston	•	Channol
Tactical Div/Group	168.20		000N		Kir	•		4			
Logistics						9	_	-			
Air to Ground	167.95	00W 167.9	500\//		Kir	חמ		5			
Prepared by (Reso				oved by (Planning S		-		Date Prepa	l ared	Time	Prepared
	Side Onit L					,)2/07		1800

			1. Branch			2. Divis	ion/Group		
	on Assignme	ent List					I - N	Midre	est
3. Incident Name E	BICY_COMPLE	Х	4. Operational Po		Sunday	Day Shif	t 0800 - 20	000	
5.				s Personnel					
Operations Chief	HUGHE	S, DUGGER; WI	CKHAM, BUCK	Division/Group	Superviso	or GILBER	Γ, ROCKY	/	
Operations Chief	MILLER	, RICHARD (t)		Air Attack Supe	rvisor	HAYES,	FRANK; [DUSTI	N, GIL
Branch Director				Safety Officer		COPP, F	USS		
6.			Resources As	signed this Per	iod				
Strike Team/Tasl	k Force/ Resource I	Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off F	PT./Time	Pic	k Up PT./Time
FERGUSON 4A	:HC2:C-11	PAR	KER, KEITH	20		DP-36@	D0900		CP@2000
FERGUSON 4B			ALA, MICHAEL	20		DP-36@	-		CP@2000
KISATCHIE ENG			E, RANDY	3	N	DP-36@	-		CP@2000
STEN	a,∟NG0,∟-30		RIS, GARNER	1	N	DP-36@	-		CP@2000
			-				-		
STEN			, TIMOTHY (t)	1	N	DP-36@	-		CP@2000
DOZB			ACH, MIKE	1	N	DP-36@	-		CP@2000
GYROTRACK -	511;GYRO;E-10		DIRON, RANDY		N	DP-36@			CP@2000
SOF2		HER	KENHOFF, STU	ART 1	N	DP-36@	0900	l	CP@2000
7. Control Opera	utions								
		om Hwy 29 to DF	36						
Continue to triag	e power lines a	nd inholdings.							
8. Special Instruct		VS are to GPS and r	eport to SITI						
Record hourly weath	er observations and	d get to IMET at end							
nitial Attack: 1SJ plu	is module, Mescale ines if requested an								
Buggy#	3 will be first respo	nse for IA - other bug	gies will respond if n	eeded.					
Bucket and SEAT Su		Ū	·						
Recon for DIVS.									
0		Divi	aion/Craun Com	uniostions Orm	omeri				
9. Function	Frequency - RX	Div Frequency - TX	sion/Group Comm Tone	System		Channel	Syster	m	Channel
Command	172.4250W	170.1000W	103.5	King		3	Jysiel		Unanniei
	168.6000N	168.6000N	.00.0	King		7			
Factical Div/Group	100.00001	100.00001		NIIIY		1			
Factical Div/Group		1 1							
ogistics									
Logistics Air to Ground	167.9500W	167.9500W		King		5			
ogistics			oved by (Planning Se	0		5 Date Prepa 06/0		Time	Prepared 1801

Divisio	on Assignme	ent List	1. Branch			2. Divis	sion/Group J/K -	Mid	rest
3. Incident Name E	BICY_COMPLE	Х	4. Operational		Sunday	Day Shif	t 0800 - 2		
5.			Operatio	ns Personnel	,	,			
Operations Chief	HUGHE	S, DUGGER; WI	•		Superviso		N, BILL		
Operations Chief		RICHARD (t)		Air Attack Supe			FRANK; [DUSTI	N, GIL
Branch Director				Safety Officer		COPP, F			
δ.			Resources A	ssigned this Per	iod	,			
	<pre>K Force/ Resource I</pre>	Designator	Leader	Num of	Trans.	Drop Off F	PT./Time	Pie	ck Up PT./Time
ICY ENG31: T3				Pers.	Y/N N	DP-35 @			CP @ 2000
FLD)		SON, RODNEY		N	DP-35 @	_		CP @ 2000
UGGY 3			NEY/RICHARD		N	DP-35 @	_		CP @ 2000
BUGGY 4				3 2	N	DP-35 @	_		CP @ 2000 CP @ 2000
							2 0300		
'. Control Opera lop up and hold		east to DIV Z.							
Record hourly weath hitial Attack: 1SJ plu T6 Engi	nd disturbances, DI er observations and s module, Mescale nes if requested an 3 will be first respor		of shift.	needed.					
9.		Div	sion/Group Com	munications Sur	nmary				
Function	Frequency - RX	Frequency - TX	Tone	System		Channel	Syste	m l	Channel
ommand	172.4250W	170.1000W	103.5	King		3			
actical Div/Group	168.0500N	168.0500N		King		6			
ogistics									
ir to Ground	167.9500W	167.9500W		King		5			
			oved by (Planning S						Prepared

Division As	signment List		1. Branch				2. Division/Group	Strickland			
3. Incident Name			4. Operational F	Period				JUICNAIIU			
	COMPLEX			06/03/		unday	Day Shift 0800 - 20	000			
5.			Operations Personnel								
Operations Chief	HUGHES, DUGGEI	r; Wic	KHAM, BUCK	Division	Group S	Supervise	or BRITTAIN, JAMES	5			
Operations Chief	MILLER, RICHARD	(t)		Air Attac	k Super	visor	HAYES, FRANK; [OUSTIN, GIL			
Branch Director				Safety C	Officer		COPP, RUSS				
6.			Resources As	signed t	his Peri	od					
Strike Team/Task Force/	Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time			
CHIEF MOUNTAIN IHO	C;HC1;C-15	STGC	DDARD, LYLE		22	N	DP-10 @ 0900	ICP @ 2000			
BITTERROOT IHC;HC	1;C-16	GIBS	ON, MATT		20	Ν	DP-10 @ 0900	ICP @ 2000			
PATRICK;HC2;C-5		HUM	MEL, BODIE		19	Ν	DP-10 @ 0900	ICP @ 2000			
ARF 671;ENG6;E-86	LEBLANC, EDWARD			3	Ν	DP-10 @ 0900	ICP @ 2000				
STEN		OTT,	MATT		1	Ν	DP-10 @ 0900	ICP @ 2000			
STCR		PATLA, WILLIAM			1	Ν	DP-10 @ 0900	ICP @ 2000			
7. Control Operations			t Detuction	D: '							

Patrol and mop up from Big Chief north-north west. Patrol between Division Break and I-75. Mop up any spots close to the line. Construct line around uncontrolled edge on west end of division.

8. Special Instructions

Special Instructions
 If there are any ground disturbances, DIVS are to GPS and report to SITL.
 Record hourly weather observations and get to IMET at end of shift.
 Initial Attack: 1SJ plus module, Mescalero Helitack
 T6 Engines if requested and fire is accessible
 Buggy#3 will be first response for IA - other buggies will respond if needed.
 Bucket and SEAT Support as needed.

Recon for DIVS.

9.	Division/Group Communications Summary													
Function	Frequency - RX	Frequency - T	TX Tone	System	Channel	System	Channel							
Command	172.4250W	170.1000V	V 103.5	King	3									
Tactical Div/Group	v/Group 168.2000N 16		N	King	4									
Logistics														
Air to Ground	167.9500W 167.9500W		V	King	5									
Prepared by (Resource Unit Leader)			Approved by (Planning So	ection Chief)	Date Prepa 06/0		Time Prepared 1804							

Divisio	on Assignme	ent List	1. Branch				2. Divis	sion/Group C/D /	/F/F	Тб	
3. Incident Name			4. Operational F							10	
	BICY_COMPLE	X		06/03/07		unday	Day Shi	Day Shift 0800 - 2000			
5. Operations Chief			Operatio VICKHAM, BUCK	ns Personr		Suporvior)r				
Operations Chief		, RICHARD (t)		Air Attack				FRANK; D			
Branch Director				Safety Offi	-	1301	COPP, F		0311	N, GIL	
6.			Resources As	-		od	0011,1	1000			
				-		Trans.					
	k Force/ Resource I	Designator	Leader		Pers.	Y/N	Drop Off I	P1./Time	Pi	ck Up PT./Time	
UNSTAFFED											
7. Control Opera Monitor by air	tions	I			I			I			
8. Special Instru	ctions										
2					0						
9. Function	Frequency - RX	L Frequency - TX	ivision/Group Comr Tone	nunications Syste			hannel	System		Channel	
Command	172.4250W	170.1000W	103.5	Kin			3			2.101.101	
Tactical Div/Group	168.2000N	168.2000N		Kin	g		4				
Logistics											
Air to Ground	167.9500W	167.9500W		Kin	g		5				
Prepared by (Reso	urce Unit Leader)	Ap	proved by (Planning S	ection Chief)		Date Prepa 06/0	ared)2/07	Time	Prepared 1807	
105 201			Cir					Pane	of	ICS 204 Forms	

Divisio	on Assignme	ont l ist	1. Branch			2. Divis	sion/Group	rickland	
3. Incident Name	BICY COMPLE		4. Operational I					rickland	
		^			Sunday	Day Shit	t 0800 - 20	000	
5. Operations Chief		S, DUGGER; WI		ns Personnel	Suparvia				
•				Air Attack Supe					
Operations Chief	MILLER,	RICHARD (t)			ervisor	-		USTIN, GIL	
Branch Director				Safety Officer		COPP, F	1055		
6.			Resources A	ssigned this Pe					
Strike Team/Tasl	K Force/ Resource [Designator	Leader	Num c Pers.	f Trans. Y/N	Drop Off F	PT./Time	Pick Up P	Г./Time
GRAYBACK FO	RESTRY 3-A;H		KINS, RYAN	2	D N	DP22 @	0900	ICP @ 1	
PNF 64;ENG6;E	-90	MISF	ELDT, RENEE	5	N	DP22 @	0900	ICP @ 1	2000
BUGGY 2		PALN	/IER, JIM	1	Ν	DP22 @	0900	ICP @ 1	2000
DOZB		GIFF	ORD, DAVID	1	N	DP22 @	0900	ICP @ 1	2000
TFLD		MEN	DONCA	1	Ν	DP22 @	0900	ICP @ 1	2000
TFLD		ERN	STRON (t)	1	Ν	DP22 @	0900	ICP @	2000
SOF1		DERI	RICK, JAMES	1	N	DP22 @	0900	ICP @	2000
Record hourly weate nitial Attack: 1SJ plu T6 Engi	r. Mop up wher ctions nd disturbances, DI' r observations and s module, Mescaler nes if requested an 3 will be first respor	VS are to GPS and re get to IMET at end of ro Helitack	shift.	needed.					
9.			sion/Group Comi						
Function Command	Frequency - RX 172.4250W	Frequency - TX 170.1000W	Tone 103.5	System King		Channel 3	Syster	n Cł	nannel
actical Div/Group	168.2000N	168.2000N	103.0	<u> </u>		4			
	100.2000IN	100.2000IN		King		4			
ogistics	107 050014	107.050014							
Air to Ground	167.9500W urce Unit Leader)	167.9500W	ved by (Planning S	King		5 Date Prepa	Ired	Time Prepare	d

	on Assignme		1. Branch					2. Division/Group PANTHER GROUP			
3. Incident Name E	BICY_COMPLE	х		4. Operational Period 06/03/07 Sunday Day Shift 0800 - 2000							
5.	_			Operation	ns Persor		Januay	Bayon	20000 20		
Operations Chief	HUGHE	S, DUGGEI	R; WIC	CKHAM, BUCK			Supervis	or			
Operations Chief		, RICHARD			Air Attacl				FRANK; D	USTI	N, GIL
Branch Director			()		Safety O	fficer		COPP, F			
6.				Resources As	ssigned th	nis Peri	iod				
Strike Team/Task Force/ Resource Designator				Leader		Num of Pers.	Trans. Y/N	Drop Off I	PT./Time	Pi	ck Up PT./Time
Unstaffed											
7.0											
7. Control Opera	tions										
Monitor by Air											
8. Special Instruc	ctions										
9.				sion/Group Comr					-		
Function Command	Frequency - RX 172.4250W	Frequency 170.100		Tone 103.5	Sys		(Channel 3	System	1	Channel
Tactical Div/Group	168.0500N	168.050		103.3		King King		6			
Logistics	100.00000	100.000				iy		U			
Air to Ground	169.2000N	169.200			Ki	na		9			
		103.200		ved by (Planning S				9 Date Prepa	l ared	Time	Prepared
Prepared by (Resource Unit Leader)							02/07		1806		

AIR OPERATIONS SUMMARY 220 Prepa	red By: Mr. Pete Schwab Pre	pared Date:6/2/07	Pre	Prepared Time: 2000 hrs						
1. INCIDENT NAME: BICY COMPLEX	2. OPS PERIOD DATE: 6/3/07	START TIME: 0800	END TIME: 2000	SUNRISE: 0636	SUNSET: 2008					
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): 4. READY ALERT AIRCRAFT: 5. TFR: # 7/2751										
PILOTS – WATCH OUT FOR BIRDS.	ons Special Equipment, etc.).	4. READT	ALERIAIRGRAFI		5. TFR: # 7/2751 Altitude 3000 MSL					

Panther research flights into TFR from 0700 to 0900 M-W-F both N and S of I-75 Power Lines along Rt. 29 and I-75; Check For Power Lines along ALL roads.

Sanctuary Airstrip has converging and unstable winds.

SOME CELL TOWERS ARE NOT MARKED ON SECTIONAL MAP.

<u>ATTENTION</u> when performing bucket work around crews on the ground! Maintain Clear Communications!

CREWS STAY AWAY FROM WATER DROPS INCLUDING APPROACH AND DEPARTURE PATHS!

		5. IIIX. # 1/2/51
		Altitude 3000 MSL
	#1- Ready Alert IA Helicopter	26 15 40" x 81 25 00"
	N601SJ	26 15 40" x 80 52 30"
		25 53 30" x 80 52 30"
	#2- Medivac North Dade County	25 49 30" x 81 10 00"
r	305-513-7991	26 01 00" x 81 16 00"
	Hoist and Rappel Capable	26 01 00" x 81 25 00"

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING Avail/ Type/ Make-Model/ N#/ Base
AOBD	Pete Schwab	520-400-5874	Primary Victor	123.400		AIRTANKERS - Lake City Tanker Base Tel: 386-758-9078 Fax: 386-752-8902
AOBD (t)	Don Clark	928-245-2539	Alternate Victor	123.050		LEAD PLANES - Lake City Tanker Base
ATGS	Gil Dustin	970-260-8904	ALTERNATE F. F. Oasis Repeater		171.625 TX 172.425 RX Tone 103.5	SEATS – Dept of Forestry, Marco Island Tel: 239-690-3500 ext. 100 Fax: 239-690-3504
ATGS	Frank Hayes	928-245-5012	AIR/ GROUND		167.950	
ASGS (t)	Mark Pater	928-651-4479	TOLC		167.950	ATGS AIRCRAFT- Marco Island Cessna 337 - N1314S ATGS-Hayes
HEBM	Gary Watson	423-384-3628	DECK		163.100	Cessna 303 - N5ER ATGS-Dustin
HELIBASE	LAND LINE	239-695-0278	Air Guard		168.625 Tone 110.9	Order air resources through Div Sup – Air Attack
SEAT MGR	Tim Hepola	612-309-0119	FL Div. of Forestry (I.A. Victor)	118.775		In the absence of Air Attack order resources through Div Sup - Helibase
SEAT MGR	Skip Nakashima	772-631-2580	AERIAL IGNITION ONLY		169.200	
			INITIAL ATTACK ONLY		171.1375	

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	ΤΥ	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	ТΥ	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
N901CH Assigned	II	Sikorsky S 58-T	Oasis Helibase	0900	0930	Standard Category	T 406 Assigned	111	SEAT 802	Immokalee Airport	0900	0930	239-860-2028
N3181F Assigned	II	UH1/F	Oasis Helibase	0900	0930	Restricted Category	T 192 Assigned	Ш	SEAT 802	Immokalee Airport	0900	0930	239-860-2028
N601SJ Assigned	Ш	Bell 206 L3	Oasis Helibase	0900	0930	Exclusive Use Module	T 419 Shared	III	SEAT	Immokalee Airport	0900	0930	239-860-2028 Steve Fletcher
							T 193 Shared	Ш	SEAT	Immokalee Airport	1200	1200	239-860-2028 Steve Fletcher
2BH @ BCNP	ш	Bell 206 B3	Big Cypress NP	CWN									
N106JC Shared	III	Bell 206	Panther NWR	0900	0930	321-863-8408 Jeff Schardt							

ICS 220 - Continued

TYPE/FUNCTION	PRIORITY	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO	
1SJ (T3/Assigned) I.A. / Recon	1	Stage at Oasis Helibase for Initial Attack and Recon Missions, as approved by Ops	0900	Oasis Helibase		
6JC (T3/Shared)	1	Stage at Panther Helibase.	0930	Panther Helibase		
2BH (T3)	3	Assigned to BCNP resource flights, if needed call Big Cypress NP for request	CWN			
1CH (T2/Assigned)	1	Bucket support as requested by DIVS through ATGS	As Requested	Oasis Helibase		
81F (T2/Assigned)	1	Bucket support as requested by DIVS through ATGS	As Requested	Oasis Helibase		
SEAT Aircraft	1	SEAT support as requested by DIVS through ATGS	As Requested	Immokalee SEAT Base		
		Inform Oasis Helibase of Dipsite/Helispot Manager needs				
		NOTE: FIRE SUPPRESSION AIRCRAFT – RESOURCE AIRCRAFT FLIGHT SEPARATION: In order to maintain safe air operations Resource Aircraft will fly 200 feet and below. Fire suppression aircraft will maintain 700 feet and above during transition flights. Flights are tentatively scheduled for Wed., Thurs., Fri.				
		CRASH RESCUE ENGINE LOCATED AT OASIS HELIBASE				

NAME	LATITUDE North	LONGITUDE West	HIGE/HOGE	REMARKS / HAZARDS
Oasis Helibase	25 51.46	81 02.03	HIGE	Contact on Air to Ground
Panther Helibase	26 11.21	81 21.00	HIGE	Panther NWR, CAUTION for power lines. These lines are marked with red balls.
Sanctuary Airstrip	26 13.21	80 56.19	HIGE	Caution for converging winds and private aircraft May also be referred to as Strickland Airstrip
H-10 - (Strickland)	26 12.65	80 58.35	HOGE	Strickland Division – A, Type II
Ochopee Helispot	25 53.99	81 19.25	HIGE	Big Cypress NP Headquarters / ICP
Boundary 2 Fire	26 15.18	81 02.90	Fire Center	No known hazards
H-15 - (Boundary 2)	26 14.93	81 03.02	HOGE	No know hazards, road next to canal, Type II
FT6 Fire	25 55.50	80 57.50	Fire Center	Blivet set up @ fire site; need CB radio if driving to this fire.
H-50 - (FT6)	25 55.69	80 59.42	HOGE	No known hazards; look for flagging in trees; Type II helispot
Midrest Fire	26 11.50	81 09.00	Fire Center	No known hazards

H-2 - (Midrest)	26 12.68	81 08.66	HOGE	No known hazards, Type II helispot
H-3 - (Midrest)	26 13.38	81 07.20	HOGE	No known hazards, inspected by 1CH on 5/21/07 Approved for Type I & II
H-4 - (Midrest)	26 13.58	81 10.58	HOGE	No known hazards, approved for Type I & II
H-5 - (Midrest)	26 14 .86	81 20.83	HIGE	Along the shore of Pistol Dipsite. Mulch mound on western edge of helispot, Type II Aerial Ignition Emergency Helispot
H-6 - (Midrest)	26 10.15	81 20.97	HIGE	Work Center south of the dip site, Type II Aerial Ignition Emergency Helispot
Pistol Dipsite	26 14.86	81 20.83	HOGE	Powerline along east edge of the pond and the NE corner of the pond.
Work Center Dipsite	26 10.23	81 20.90	HOGE	Don't over-fly the Work Center buildings etc.
Quarry Dipsite	26 09.14	81 21.23	HOGE	SW corner of Interstate 75 and RT 29. Caution for power lines along I-75 and RT 29
Old Burn Dipsite	26 09.15	81 19.44	HOGE	SE corner of Interstate 75 and RT 29. Caution for power lines along I-75 and RT 29
O'Leary Fire	25 53.78	81 09.13	Fire Center	No known hazards
H-45 – (O'Leary)	25 53.87	81 08.97	HOGE	No known hazards, Type II helispot
Monument Lake - (O'Leary)	25 52.05	81 06.50	HOGE	Dipsite, tower on south end of the lake
Sheppard Fire	25 59.97	80 58.51	Fire Center	No known hazards
H – 40 - (Sheppard)	25 58.99	80 58.40	HOGE	No known hazards, Type II
H - 1	26 10.03	81 04.53	HIGE	Midrest Rest Stop, Interstate 75 Caution for 321' cell tower and fence along the lagoon. LAND BEHIND THE FENCE
Noble Dipsite	26 13.78	81 04.39	HOGE	No known hazards

Approved by: Pete Schwab, AOBD /s/

HEALTH AND SAFETY MESSAGE

INCIDENT: BIO	CY Complex	DATE:	DATE: 6-3-07 DAY OPERATIONAL PERIOD					
Heavy Equipment/Rehab	Critters	Complacency	Driving	Snags				

Major Concerns:

- Heavy Equipment: With rehab continuing in the next several days have briefings with your crews on heavy equipment safety. Stay clear of equipment, maintain good communications with operators, make sure operators know that you are in the area and watch for critters in debris piles.
- Complacency: Long days of mop-up are beginning to pile up. Stay on your toes and watch out for your co-workers. Wear PPE and protect yourself from cuts, headaches and other surprises.
- Snags: Be sure to keep stay aware of fire environment that you are working in. Snags don't make much noise prior to hitting the ground. Post lookouts and survey the area prior to putting your head down to work.
- Driving: Driving is still a concern...roads are narrow and road embankments are steep. The possibility of slick roads is still a concern. Watch out for other drivers and pay attention to your driving.
- > Critters: Stay aware of snakes and other critters that may be hiding in dozer berms next to control lines.

BRIEFING CHECKLIST Situation Fire name, location, map orientation, other incidents in area Terrain influences **Common Denominators of** Fuel type and conditions **Fire Behavior on Tragedy Fires** Fire weather (previous, current, and expected) Winds, RH, Temperature, etc. Fire behavior (previous, current, and expected) There are four major common denominators of fire Time of day, Alignment of slope and wind, etc. behavior on fatal and near-fatal fires. Such fires often **Mission/Execution** occur: Command Incident Commander/Immediate supervisor 1. On relatively small fires or deceptively quiet areas Leader's intent of large fires. Overall strategy/objectives 2. In relatively light fuels, such as grass, herbs, and Specific tactical assignments light brush. Contingency plans 3. When there is an unexpected shift in wind direction Communications or in wind speed. Communication plan 4. When fire responds to topographic conditions and Tactical, Command, Air-to-ground frequencies runs uphill. Cell phone numbers Medevac plan Alignment of topography and wind during the burning Service/Support period should always be considered a trigger point to Other resources re-evaluate strategy and tactics Working adjacent and those available to order Aviation operations Logistics Transportation Supplies and equipment **Risk Management** Identify known hazards and risks Identify control measures to mitigate hazards/reduce risk Identify trigger points for re-evaluating operations **Questions or Concerns?**

Incident Action Plan Safety Analysis	Action Plan Safety Analysis						-				BICY Complex				
Analysis of Tactical Applications & other Risk Analysis		LCES Mitigations and other Risk Mitigations DIVISION / GROUP									215 a SOUTHWEST ÁREA TYPE 1 INCIDENT MANAGEMENT TEAN JEFF WHITNEY - INCIDENT COMMANDER				
	н	ı	J /	A / B	C / D	z					Mitigations				
Downhill and Indirect Fireline											Maintain LCES@ all times/Use ATGS as Lookout when available, Ensure line is achored				
Mid-slope Fire line / Underslung											No underslung line on this incident 0% slope in Everglades				
Anchor Points											Anchor all lines to roads or blackened areas				
Unburned Fuels											Maintain LCES are in place, Ensure line is achored, Know current Wx and Fire Behavior, IMET to broadcast any changes in weather conditions.				
Potential for Extreme Conditions											Maintain LCES, Ensure line is anchored, Know current Wx and Fire Behavior, Firefighters monitor Fire Behavior and any change is predicted weather.				
Weather Conditions											Wx Obs taken by crews and given to IMET				
Hazardous Materials											Avoid Hazmat Situations, Avoid smoke from non wood fibers, Use Hazmat Teams				
Transportation, Traffic, Travel		x	х	х		x					Limit shifts to 14 hrs, Drive with lights on, wear seatbelts and adhere to safe or posted speed limits.				
Communications											Use human repeaters, relay thru ATGS, order Satellite phones				
Structure Protection											Follow Structural Watchouts, identify powerlines, gaslines and propane tanks. Park facing egress and make sure roads are not blocked.				
Air Operations						x					Maintain good communications with ATGS and Helicopter Pilots. Good direction give to pilots during bucket operations.				
Span of Control			1								Not an issue at this time				
Fire Line Qualifications for Crews											All line personnel are fully qualified.				
Work/Rest Guidelines											Ensure that 2-1 work ratio is followed				
Power lines		х	1								Treat all power lines as energized. Review Structural W/O's				
Public Safety				х		X					Information Officers keep public informed on fire activity				
Snags / Hazard Trees			х	x	x	x					Review Snag SOP's in IRPG, Maintain LCES, Watch for wind shifts and stay upslope or upwind of snag areas.				
Major Firing Operations											Develop burn plans for complex burns, give complete briefings, maintain crews spacing, communications and firing sequences.				
Environmental/Critters			х	х		Х					Discuss awareness about snakes, alligators and heat. Hydrate crews.				
Heavy Equipment			х			x					Utilize equipment bosses, work in tandem, maintain contact with operators, and stay clear of heavy equipment.				
Operations Section Chief: Wickam/Hughes/M	iller (t)	,	•	Da	te / 1	Time	:	06/	02/07	1700	Safety Officer: Russell Copp Date / Time: 06/02/07 1700				

Incident Radio	o Communica		. Incident Name BICY_COMPLEX	2. Operational Period 06/03/07 Sunday	Day Shift 0	800 - 2000	
3.		Basic	Radio Channel Utilizatio	n			
Radio Type/Cache			Frequency/Tone	Assignment	Remarks		
King	1	BICY Local	RX 172.4250W	Unstaffed	W		
			TX 172.4250W	_			
King	2	Command Rp	RX 172.4250W	Oasis Repeater	Backup Use	as Needed	
			TX 171.6250W				
			Tone 103.5				
King	3	Command	RX 172.4250W	Carnstown Rpt.	Command R	epeater	
			TX 170.1000W				
			Tone 103.5				
King	4	NIFC Tac 2	RX 168.2000N	Div. A&B,C,D,E,H,Z	Div. A&B,D,H	I,Z	
			TX 168.2000N	-			
				_			
King	5	BICY Tac	RX 167.9500W	Air To Ground Tac	Air To Groun	d Tac	
			TX 167.9500W	-			
				-			
King	6	NIFC Tac 1	RX 168.0500N	Div. J, K, FT6, Panther	Div. J. K. FT	6	
5	-		TX 168.0500N			-	
				-			
King	7	NIFC Tac 3	RX 168.6000N	Div. I, Burn 1, Burn 2	Div. I, Burn 1	. Burn 2	
5			TX 168.6000N			, 2011 2	
				_			
King	8 A/G Tac		RX 171.1375N	Un-Assigned	Un-Assigned		
			TX 171.1375N		en riceignee		
				-			
King	9	Ign A/G	RX 169.2000N	Aerial Ignition, Burn	Aerial Ignitior	ı. Burn	
	-	.9	TX 169.2000N		group in the second sec	.,	
				_			
King	10	Command Rp	RX 164.6250W	Panther Repeater	Panther Repo	eater	
			TX 163.1500W				
			Tone 118.8	-			
King	11		RX				
			TX	-			
				-			
King	12	White	RX 154.2800W	Un-Assigned	Un-Assigned		
	16		TX 154.2800W				
			17 104.2000	-			
King	13	BICY Tac	RX 151.2350W	Un-Assigned	Un-Assigned		
3			TX 151.2350W				
				-			
King	14	Air Guard	RX 168.6250N	Ch 14/16	Emergency (Contact for Aircraf	
	17		TX 168.6250N		NIFC EPH R		
			Tone 110.9	-			
4. Prepared by (Comm	unications Linit)			E	Date Prepared	6. Time Prepared	
				5.	-		
Tad Coyner COML ICS 205	_		Final		06/02/07	1929 ICS 205 Forms	

BIG CYPRESS ICP PHONE NUMBERS 6-3-2007

Incident Command Post	(239) 695-1152
Finance	(239) 695-4198
Helibase	(239) 695-0278
IMET/Fire Behavior/Safety	(239) 695-2044
Logistics	(239) 695-1165
Ordering	(239) 695-1146
Ordering Fax	(239) 695-2756
Ordering – Holly Carr (cell)	(772) 631-2552
Plans/Check-In/Demob Fax	(239) 695-2051
Communications Located at Oasis visitor center	(239) 695-1228
Facilities – Chuck Sundt (cell)	(561) 512-5982
Ground Support – Les Dufor (cell)	(813) 597-7702
Medical – George Reyes (cell)	(813) 731-6746
Medical – Jenna Steege (cell)	(813) 486-6330
Demob – (cell)	(772) 631-2578
Demod - (cen)	(112) 031-2310
Buying Team	772-631-2574
	813-731-9395
	772-631-2556
	813-486-7902
	561-512-5349
	561-512-6406
	772-631-2548
	813-545-9513
Security Eric Richardson	505-259-9339
Security Luke Johnson	772-539-2959
Security Jon Selby	928-606-7579
BIA Joe Frank FMO	(239) 253-7034
BIA Jamie McDaniel AFMO	(239) 253-7049
DOF Hank Graham	(239) 690-3500
Ochopee VFD Paul Wilson	(239) 695-4114
Collier Co Sheriff Dan Hernandez	(239) 695-2300
DEM Seminole Tribe Amy Howard	(863) 983-1996/(863) 228-4090
Panther NWR Brian Gales	(541) 760-2862

MEDICAL PLAN	1. Incident Name BICY Complex		2. Date Pr 06/02		d 3. Time Prepared 2030		4. Operational Period 06/03/07 0800-2000				
		5.	Incident Me	dical Ai	d Statio	n					
Medical Aid Stations			Location							Paramec Yes	lics No
Medic 1 (response from helibase)			Coverage f	or all di	visions					х	
Medic 2			Division I							х	
BICY ICP			Big Cypres	Big Cypress National Preserve Headquarters							Х
Ochopee Vol. Fire Rescue			Everglades	3 239-69	5-4114					Х	
Poison Control			1-800-222	-1222							Х
			6. Trans	sportatio	on				<u>I</u>	1	
		A	. Air Ambul	ance Se	ervices						
Name	Address						Phone			Paramec Yes	lics No
Collier County El	NS	м	ed Flight 1,	Type 2	2		239-793- 9300			Х	
Air Rescue 85		Broward Co	ounty Sherif	ff Resc	ue, Typ	e 2	954-765	954-765-5100		Х	
Miami Dade Air Re	scue	Air Reso	ue North &	& South Type 2 305-596-			8571		Х		
			B. Ambular	nce Ser	vices						
Name		Location								Paramec Yes	lics No
Ochopee Fire and Res	scue		Everglades City			239-695-4114			Х		
Broward County Sheriff B		roward Co	o Sheriff		911 then ask for Broward Co.			x			
			7. Ho	spitals							
Name	Address L		AT / LONG	Travel Air	Time Ground	Pho	ne 911	Helipa Yes	d No	Burn Yes	Center No
Lee Memorial	2776 Clevelan Ft Myers I 26 38 30.26 81		FI	35 Min	150 Min	239-334-5334		x			x
Naples Community Hospital Emergency Room		350 7 th St North 26 06.02 81 4		30 MIN	120 MIN	239-513-7709		x			x
Miami Jackson Memorial (Burn Trauma Center)		Miami 25 47.30 80 1		30 MIN	120 MIN	305-585-1148		x		x	
Broward General Medical	1600 S Andrew Ft Lauderdale 26 06.21 80 0		e FL	30 MIN	120 MIN	954-355-4400		x			x
Physicians Memorial Hospital Level II Trauma	8300 Collier E Naples, FL 34 26 06.39 81 4		4114	20 MIN	60 MIN	239-354-6190		x			x
	1 '		edical Emer	l gencv F	Procedu	ires		<u> </u>	I		
See Following Pa	ge for M										
Prepared by:				10. Reviewed by (Safety Officer)							
Jenna Steege MEDL(t)				Russ Copp SOF1							

ACCIDENT COMMUNICATION PROCEDURES

MEDEVAC RADIO PROCEDURES

- 1. DIVS calls ICC (Incident Communications Center) to report accident. DIVS is prepared to assess the accident (see Definitions) and report Transport or Medevac Information.
- 2. ICC clears the Command Radio channel for <u>critical</u> and <u>serious</u> injuries "All divisions, Emergency Traffic only, please clear this frequency"
- ICC immediately notifies Medical Unit Leader on duty. (have another radio operator do this.) The Line OSC and/or DIVS will command the response scene coordinating with the accident EMT and MEDL.
- 4. ICC acquires the pertinent Medevac information on the form below.
- 5. If air transportation is required, ICC notifies Air Ops and or Air Support (have another radio operator do this. Air Ops will coordinate Air Attack or Helco assistance.
- 6. ICC will keep a log of all departure and arrival times and other pertinent information.
- 7. When the emergency is over, ICC clears the channel for normal use.

DEFINITIONS FOR ACCIDENT ASSESSMENT

- Non-Emergency Ground Transportation: Minor and non-life threatening serious injuries. Vehicles may transport from the scene or be dispatched from ICP
- Non-Emergency Air Transport: Minor and non-life threatening serious injuries in remote areas without road access. Helicopter transport required. (Please assess your options carefully before requesting air transport)
- 3) Emergency Air <u>MEDEVAC</u>: Any life or limb threatening injury or illness. Critical and life threatening serious injuries. Helicopter transport. Do not use the term medevac except in this instance.

TRANSPORT or MEDEVAC INFORMATION Emergency Non-Emergency						
Is the injury:			• •			
Type of Injury:						
Specific Location	of Patient (neare	est DP/Helispot):				
Is an EMT preser Is an EMT Neede Is ALS (Advance Name of radio co	eeded for evacua nt and giving trea ed? Yes d Life Support) no ntact, and chann	tion: Yes tment? Yes No eeded? Yes el, or frequency_	No No No			
Route for ground	transportation:					

BICY_COMPLEX FL-BCP-000044 TENTATIVE RELEASE 06/03/2007

OVERHEAD

O-7 O-154.24 O-175	0800 1000 0700	STORJOHANN, JANE (EDSD) T (ATGS) HAYES, FRANK (SOF1) EATON, ROB Reynolds TFLD O'Connor FIRB
C-6	0730	CREWS (HC2) GFP 6D
C-0 C-14	0800	(HC2) GRAYBACK FORESTRY - 3B
E-35 E-79 E-118 E-88 E-87 E-102	0830 0845 0800 0900 0800 0930	EQUIPMENT (ENG6) MILES ENGINE (ENG6) ARMSTONG 63 (BUS) BUS - SMOKEY MTN FIRE (ENG6) ZIA WILDFIRE (ENG6) DTP 623 (ENG6) BROTHERS INDUSTRY ENG DOZ BICY DOZ PANTHER ENG PANTHER E-1 ENG PANTHER E-2 ENG BIG CYPRESS E-20
		BUGGY SLIMER WT BICY

BICY Complex – Fire Line Rehabilitation

<u>Potential recreational use</u>. Off-road vehicle use in Big Cypress National Preserve is a common activity, and thousands of miles of trails have been established. In most cases the disturbances addressed here were intentionally made in close association with existing trails to minimize their impacts. As a consequence, however, these trails that were formerly narrow with limited use, may now have become effectively much larger. This can result in more traffic and use by larger off-road vehicles, further limiting the natural function of the natural systems associated with these trails.

<u>Aesthetics and visitor use</u>. Visitors to Big Cypress National Preserve select this area for various recreation activities because it offers opportunity to interact with the area's natural resources. Changes to natural features are contrary to the established intent of the Preserve, and should be remediated quickly.

Rehabilitation and Restoration

The natural areas that were disturbed by placing fire lines with mechanized equipment or other methods will be naturally occurring, native biological communities; these communities will as closely as possible resemble the original and adjacent native biological communities.

Priorities

1- Return all scarified areas to natural grades and soil depths.

2- Remove all rocks that have been pulled from beneath the ground surface.

3- Establish natural barriers to discourage use of these features as additional recreational trails.

4- Establish a long term program to prevent colonization and establishment of exotic organisms.

Immediately Available Work

-Initial work can be done by hand crews that may include, but not be limited to, redistributing soils from accumulated piles that typically accumulate on the sides of bulldozer lines back into the scarified (bladed) area to restore the original and natural soil depth and soil surface elevation.

-Hand crews can remove smaller rocks and place them in a vehicle for removal if available, or consolidate these rocks into piles for later removal by equipment.

-After soil levels and surface contours have been returned to natural levels, hand crews can pull small trees or other vegetation that has been displaced by fire line construction

back into the edges of the cleared area (allow room for mechanical equipment to pass if necessary) to create a more natural (random) distribution of downed forest material. Note: Places from which displaced vegetation has been moved should be checked to determine whether significant amounts of soil (> 3" depth) has fallen from root balls; if this has occurred, the soil will be returned to the cleared area

Mechanically-created Fire Line Restoration

Location and Extent	Objective	Methods	Equipment and Personnel
Div. J, at rockpile about 1.0 mi. and slopover	Restore dozer/plow line to grade	 break up piles pull berms and level to grade 	Cat 312; two hand crews
Jones Grade	-Restore dozer line to grade -Block access and travel to any vehicles	 break up piles pull berms and level to grade 	Cat 312, Mod. 714 Articulated dump truck, Bobcat 300 with pulverizer
Div. B, primary and secondary fire lines	 -Restore dozer line to grade -Remove pushed-up cap rock -Block access and travel to any vehicles 	 break up piles pull berms and level to grade remove large rocks 	Cat 312, Mod. 714 Articulated dump truck, Bobcat 300 with pulverizer
Div. Z*		 break up piles pull berms and level to grade 	
Div. K*		1. break up piles 2. pull berms and level to grade	

UNIT LOG	INCIDENT NAME BICY Com	plex	DATE PREPARED	TIME PREPARED
UNIT NAME/DESIGNATORS	S UNIT LEAD	ER (NAME AND POS	SITION)	OPERATIONAL PERIOD 0800-2000 Day
		PERSONNEL ROSTE	R ASSIGNED	
NAME		ICS POSITION		HOME BASE
	ACTI	VITY LOG (CONTI	NUE ON REVERSE)	
ТІМЕ			MAJOR EVENTS	

TIME	MAJOR EVENTS
214 ICS 5-80	PREPARED BY (NAME AND POSITION)





