FULL HOUSE ELECTRIC GLIDER

FH 2A2F EM

BASE MENU

Model Type		
NORMAL		
GLIDER	2A2F	ELE.POWER
NORMAL		

ST 1 is used to control landing phase, deploying flaps and activating butterfly. At the same time , the full forward position enables the other 3 phases

SW 3 is used to switch phases 3.4.5 when phase 2 is not active

CTL Set				
Channel	CTL	OFFSET	Travel	Delay
CH 6	SW 3			
CH 8	SW 8			1.0s

CH 8 will be used for throttle and is assigned to the momentary position of SW 8. The 1.0s delay will allow the motor to ramp up.

FUNCTION MENU

Prog.MIX		SET			
ACT	ON	ACT	CTL	A	B
MST	CH8	ON	ON	+100%	000%
SLV	CH8	ON	ST 1	-125%	+125%
		OFFSET Y = +100%			

This program mix prevents the throttle switch from working in LANDING phase

Phase			
PHASE	SLOW	CTL	
1. Normal	.6S	(Not used)	
2. LANDING	.6S	ST 1	POS= +085,SINGLE,REVERSE
3. CRUISE	.6s	SW 3	(green)
4. THERMAL	.6s	SW 3	(red)
5. SPEED	.6S	SW 3	(blue0

Phases, also known as Q.Links, or flight modes, are used to control Camber and Butterfly functions

CH 1 - (not used)
CH 2 - Left aileron
CH 3 - Elevator
CH 4 - Rudder
CH 5 - Right aileron
CH 6 - Left flap
CH 7 - Right flap
CH 8 - Throttle

Camber - SPEED

	AILE1	AILE2	FLAP1	FLAP2	ELEV1
RATE A					
RATE B	+010%	+010%	-005%	-005%	

Camber - THERMAL

	AILE1	AILE2	FLAP1	FLAP2	ELEV1
RATE A	-020%	-020%	+015%	+015%	
RATE B					

Note: When setting any type of flap functions, disconnect push rods from flap surfaces to prevent binding the hinges or servos.

Butterfly - LANDING

	AILE1	AILE2	FLAP1	FLAP2	ELEV1
RATE	-045%	-045%	-080%	-080%	
ELEV Curve	Point 1	Point 2	Point 3	Point H	
IN	-.058%	+.001	+.054	+099%	
OUT	-014%	-023%	-033%	-049%	

Actual % values and polarity (+ /-) will depend on the physical installation of your servos and the flight characteristics of your aircraft.

Wing MIX

MIX.TYPE	ACT	SET	CTL	A	B
AILE>>RUDD	ON	>>	ON	+035%	+035%

The settings shown are only recommendations and should be used at your own risk. The Graupner mz-24 radio is highly sophisticated computer radio which can be programmed in many different ways to accomplish the same results.