RADIO CONTROLLED ELECTRIC POWERED HELICOPTER

EP CONCEPT

- OFOR EXPERIENCED HELICOPTER FLIERS, HIGH-PERFORMANCE WITH ELECTRIC CONVENIENCE AND QUIET.
- OSIMPLY SWITCH ON AND FLY, NO STARTER REQUIRED.
- OCAPABLE OF SMOOTH STABLE OUTDOOR FLIGHT PLUS AEROBATIC PERFORMANCE.
- OHIGH-QUALITY MACHINE. 20 BALL BEARINGS FOR LOW FRICTION AND PRECISION. LIGHT WEIGHT, HIGH-STRENGTH MATERIALS THROUGHOUT.
- OSEMI FACTORY ASSEMBLED.

 MAJOR SUB-UNITS EASILY MOUNTED AND ADJUSTED.
- OBELL-HILLER SYSTEM FOR ACCURATE FLIGHT CONTROL.
- OOVER-RUN BALL CLUTCH FOR EASY AUTOROTATION.
- OLIGHT, RELIABLE BELT-TYPE TAIL ROTOR DRIVE SYSTEM, PRECISE PITCH CONTROL.
- OMAIN ROTOR AND FLYBAR IN SAME PLANE FOR QUICK, PRECISE STABLIZING ACTION.
- ☐BATTERY: 8.4V-1000mAh (NOT INCLUDED)

 RADIO: 5 CHANNEL 4 SERVOS+SPEED CONTROLLER WITH GYRO

MAIN ROTOR SPAN 892mm





PARTS NEEDED BISIDES THIS KIT

1 5 channel radio system for EP Concept.

 These servos are useable for EP Concept. (Use 4pcs.)

JRNES-321

NES-311

NES-3021

NES-307

SANWA...SM-401

If you have another radio system, you should by these servos only.

SM-531

SM-501

FUTABA ··· FP-S135

FP-S143

Speed Controller

KYOSHO..NO. 2594 FET Power Controller

SANWA .. MA-5

FUTABA .. FP-MC114H 42.95

• Gyro

JR NEJ-130

NET-120BB

SANWA...SM-401 (exclusive gyro)

FUTABA-G-154

KO SG-86

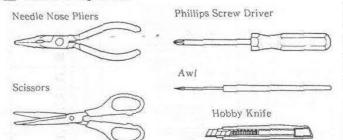
 $\mbox{\%}$ We recommend small and light radio system.

- Electric cells for transmitter. (Designated by each radio system maker)
- 3 NiCd Battery
 - NO. 2355 8.4V-900SCR Battery (Light and powerful, For in the upper air,)
 - NO. 2318 8.4V- Flight Power SCR (For practice and hovering)
 - NO. 2333 8.4V-1700SCE (For practice as flight time is long)
- 4 Charger

 DC12V (Car or 12V Battery). NO. 1849 Multi Charger II

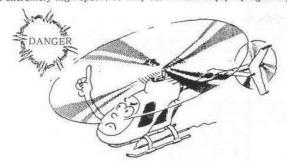
NO. 2246 FET Auto Charger

5 Tools Required

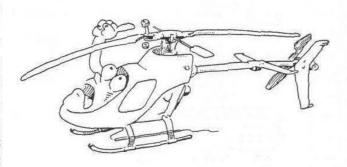


66 FOR SAFE FLIGHTS ALWAYS OBSERVE THE FOLLOWING 33

 As the helicopter flies with the main and tail rotor spinning at extremely high speed, be very careful and enjoy flying safely.



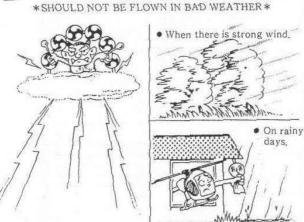
 Also, just because of one loose screw, it may lead to a serious accident. Always keep in mind to check and double check.



· When flying... Pick a calm day without any winds.

Let's not fly in below listed places and areas. *PLACES NOT TO FLY*





The Bagged Parts List (1)

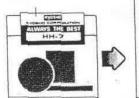


Carefully remove the header card from the bag and discard the staple.

*These bag numbers will be used throught out the assembly process and will prove invaluable when locating parts.



Bag No.



Key No





Slip the header card into the bag.

Parts Name

Tape it to the outside of the bag.

Q'ty

Bag No	Key No Parts Name	Q'ty	
	• 1 Rotor Head (A)	1	
	• 2 * (B)	1	
	Stabilizer Blade	2	
	4 Stabilizer Holder	2	
	Stabilizer Bar	1	 Marked
	6 Hiller Control Lever	-1	Head assemble
	7 Stabilizer Seesaw	1	parts
	8 Flapping Hinge	2	5
	9 Feathring Shaft	2	
	• 10 Main Rotor Grip (A) 2	
	• 11) 2	
	• 15 \$ 3 \times 6 \times 2 Bearing	2	
	• 16	4	
	⊚ 17 Mixing Base	1	
	◎ 18 Mixing Lever	2	
	◎ 19 Cyclic Lever	2	
-11	⊚ 20 Lever Bush (A)	2	
SNOW	⊚ 21 * (B)	2	
BOX	Cyclic Lever Link	2	
	© 23	2	
	⊚ 24 Pitch Rod	1	
		1 se	t
		1	
		1	assembled parts
	◎ 31 Pitch Slider	1	parts
		1	
	⊚ 33 ¢ 10, Stopper Ring	1	
	⊚ 34 Main Mast	1	ÑI.
	◎ 35 Slide Ring Washer	1	
	⊚ 37 Main Frame (L)	1	
	◎ 38	1	
	⊚ 39 Elevator Lever	1	
		2	
	Ø 41 Ø 2 × 14 Parallel Pin	2	
	⊚ 42	2	
	⊚ 43 * (B)	1	
	◎ 44 Pitch Lever	1	

	∅ 45	Pitch Lever Base	1	
		Pulley Stopper	2	
		Belt Guide	2	
		Pulley (A)	1	
	© 49	φ 4×φ 8×4 Bearing	6	
	© 50	Pulley Shaft	1	
	⊚ 51	Elevator Lever Shaft	2	
	© 52	Motor	1	
		Motor Base	1	
		Sub, Frame (A)	1	
	© 56	• (B)	1	
	© 57	Pinion Gear (16T)	1	Marked
SNOW	© 58	Main Gear	1	Main frame
	© 59	_Idle Gear	1	assembled parts
	◎ 60	Motor Pinion	1	
	⊚ 61	Idle Shaft	1	EI.
	© 62	φ 7×φ 14×3.5 Bearing	2	
	◎ 63	One Way Bearing	1	
	© 64	One Way Shaft	1	
	© 84	Body Mount	1	
	⊚ 98	Tail gear (L) (L)	1	
	© 99	* (R)	1	
	© 100	Pulley (B)	1	
	⊚103	P C Guide	1	
	©104	Tail Boom	1	
	© 105	Belt	1	
	@112	Pitch Lever Shaft	1	
	@114	Out Put Shaft	1	
	81	Body	1	03
	82	Canopy	1	103
10	- 53	Motor Code	1 set	Œ
	83	Grommet	2	00
	92	Tail Rotor	2	E
HH-1	108	Stabilizer Fin	1	a
	109	Bracket	1	Ø
	110	Vertical Fin	1	4
	120	Condenser	1	TE .

The Bagged Parts List (2)

Bag #	Key #	Parts Name	Q'ty	Step Used In
- 15	75	Battery Holder	2	Ð
	76	Brace Holder	1	EI .
	77	Front Brace	1	2
HH-2	78	Rear Brace	1	2
13	79	Stopper Ring	1	20
	80	Skid	2	2
	119	Skid Cap	4	2
	12	Rod End	4	5
	13	M2×17 Shaft	2	5
	14	M2X37 Shaft	2	5
	26	Aileron Rod	1	10
	27	Rod End (L)	7	5000
HH-3	36	Strap (S)	4	135
	86	Elevator Rod	1	00
	87	Pitch Linkage Rod	1	12
	115	Tail Linkage Guide	1	Œ
	116	E Ring (E2)	1	DE
	65	Servo Mount (1)	1	[3] IE
	66	* (2)	1	[6] IE
	67	* (3)	1	68
	68	* (4)	1	8 8
	69	* (5)	2	68
HH-4	70	* (6)	1	7 12
	71	* (7)	1	171 112
	72	* (8)	1	79
	73	* (9)	1	7 9
	74	« (10)	2	79
	85	Decal	1	107
HH-5	111	Double Sided Tape	1	(E)
	118	Double Sided Tape for Car	10ру2	113
	0 88	Tail Rotor Grip (A)	2	0
	0 89	* (B)	2	Marked Tail Rotor
НН-6	O 90	Tail Center Hub	1	assembled parts
	0 91	♦ 3×♦ 6×2.5 Bearing	4	
	0117	Tail Rotor Shaft	2	E
	▲ 93	Rod End (S)	2	▲ Marke
100	▲ 94	Tail PC Plate	1	Tail Slide assembled
	▲ 95	Tail Pitch Ring	1	parts
HH-7	▲ 96	φ 6×φ 10×3 Bearing	+	-
	▲ 97	Tail Slide Bush	1	E
	101	Tail Pitch Lever	+-	
	102	Lever Bush	1	temporary
Dev		Main Rotor	1	assembly
Box	28	Wall Kotol	2	TO .

Bag #	Key #	Parts Nar	ne	Q'ty	Step Used In
Box	106	P C Pipe		1	0
200	107	P C Rod		1	
		RH Screw	м2×6	1	for mount
1		*	M2X8	12	
*			M 2 X 20	2	+
	8	TP Bind Screw	M2X5	2	*
			м2×8	9	
			M2.6×8	5	
		*	M2.6×10	10	,
			M2.6×12	4	
		*	M2.6×14	2	4
		Cap Screw	M2X6	2	
		,	M2×10	2	
SCREW NUT			M2.6×6	2	
WASHER OTHERS		*	M2.6×10	2	
OTTENO			мзх6	2	*
		Set Screw	мзхз	6	
		*	мз×5	3	*
		Nut	мг	15	
		Nylon Nut	M2.6	2	
		Washer	М2	4	
			M2×8	3	
		RH Screw	M2×15	1	for assembl
			M2.6×10	2	*
		TP Bind Screw	MARKET STATE OF THE STATE OF TH	2	+
	-	AND THE STATE OF T	M2.6×10	16	
.*		*	M2.6×8	9	
*			M2.6×14	2	
		*	M2.6×18	2	4
		Cap Screw	M2×15	1	
		,	M2.6×10	2	
		,	M2.6×15	2	,
	-	*	M2.6×18	2	
	-	TP FH Screw	NO MARKET PROPERTY.	2	
	-	Set Screw	мзхз	2	
		Nut	M2	1	
		4	M2.6	2	*
	-	Nylon Nut	M2.6	4	
		Washer	M 2	2	*
	e 10	Rod End (M		+	
SNOW	• 12	There exists considered to the constant of the		2	
BOX	1327			2	assembled
	- 41	MZXI/ SHALL		2	1

BEFORE ASSEMBLY

O Read the instruction carefully,

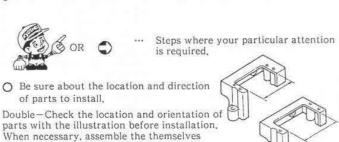
You can assemble the kit more easily if you have grasped the general idea of steps and structure beforehand by reading it through to the end.



Instruction

O Learn the marks described in the instruction.

tentatively before proceeding to the next step.



O Do not tighten the TP screw too tight.

• TP Screw Ordinary Screw

Coarser
Thread

inary O

Do not use excessive force when tightening the TP screw, or you may strip the thread in the plastic. It is recommended to stop tightening it when the thread part on the screw goes into the plastic part and you feelsome resistance from the tightening.

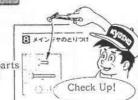
good O wrong Over tighten may strip the thread in the plastic,

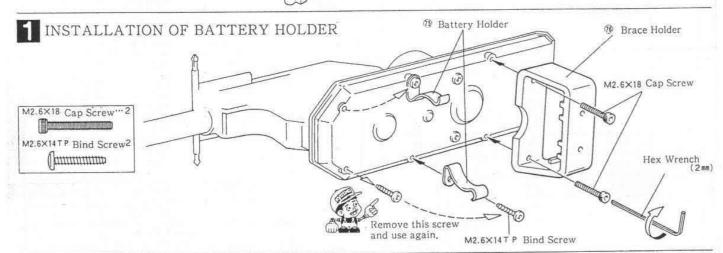
O The kinds of screws which will be used in the instruction,

TP Bind Screw TP FH Screw

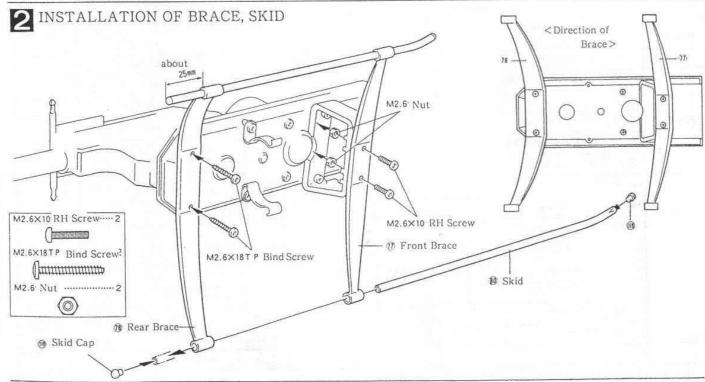
RH Screw Cap Screw Cap Screw

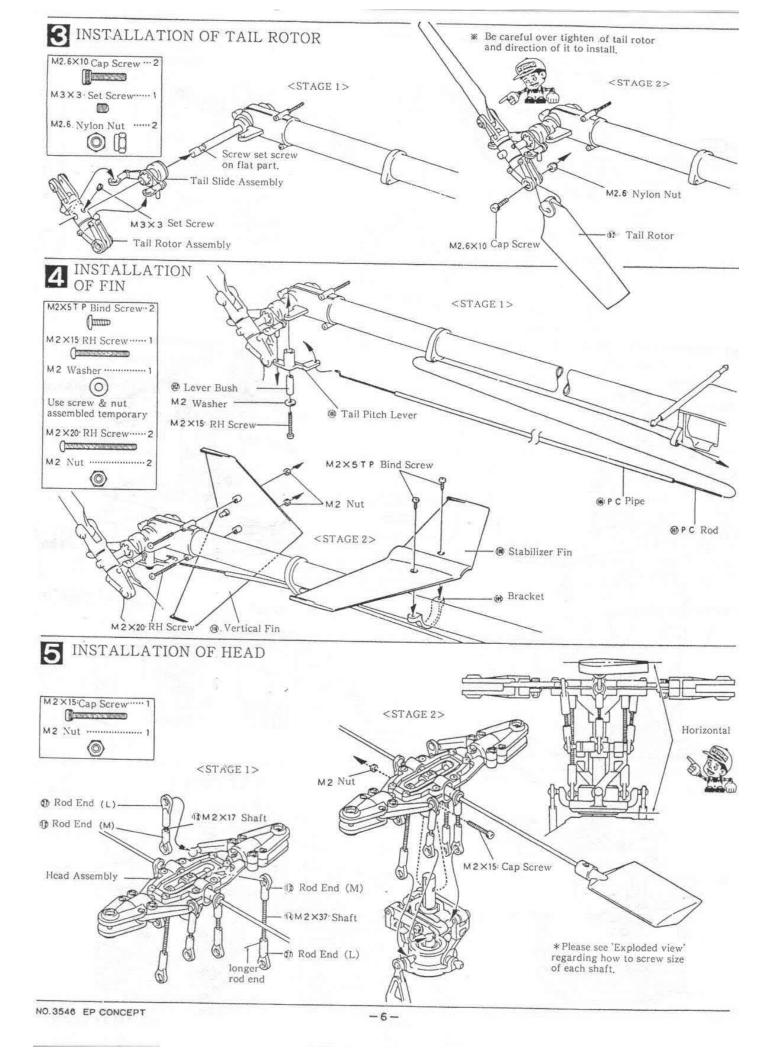
O Pick up the correct parts and screws, Compare the shape and size of small parts such as screws nuts and washers with the actual size drawing of each step.

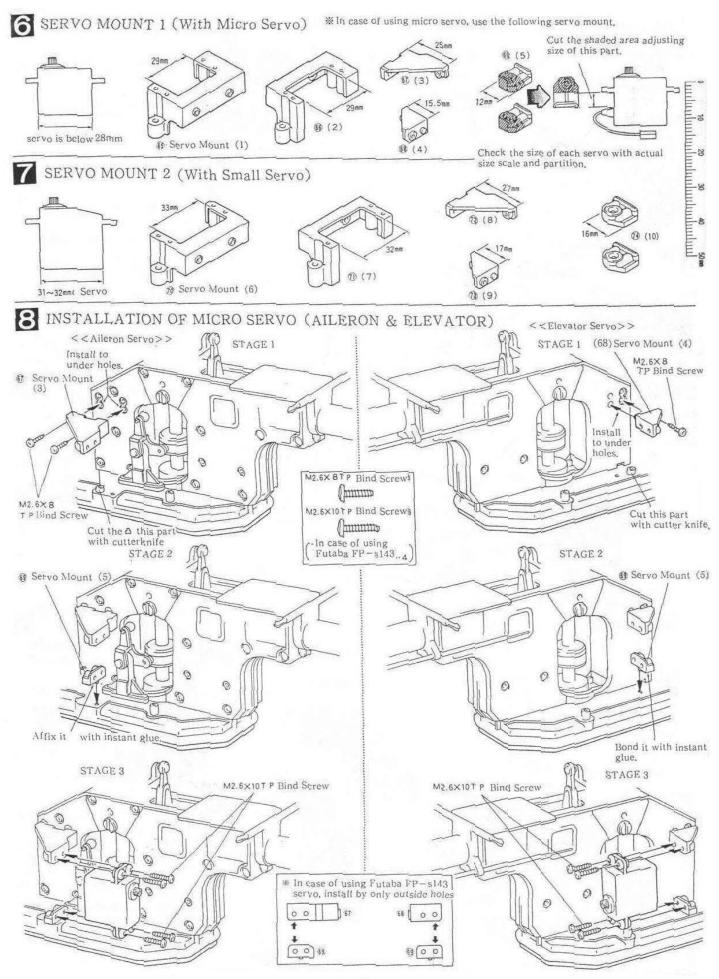


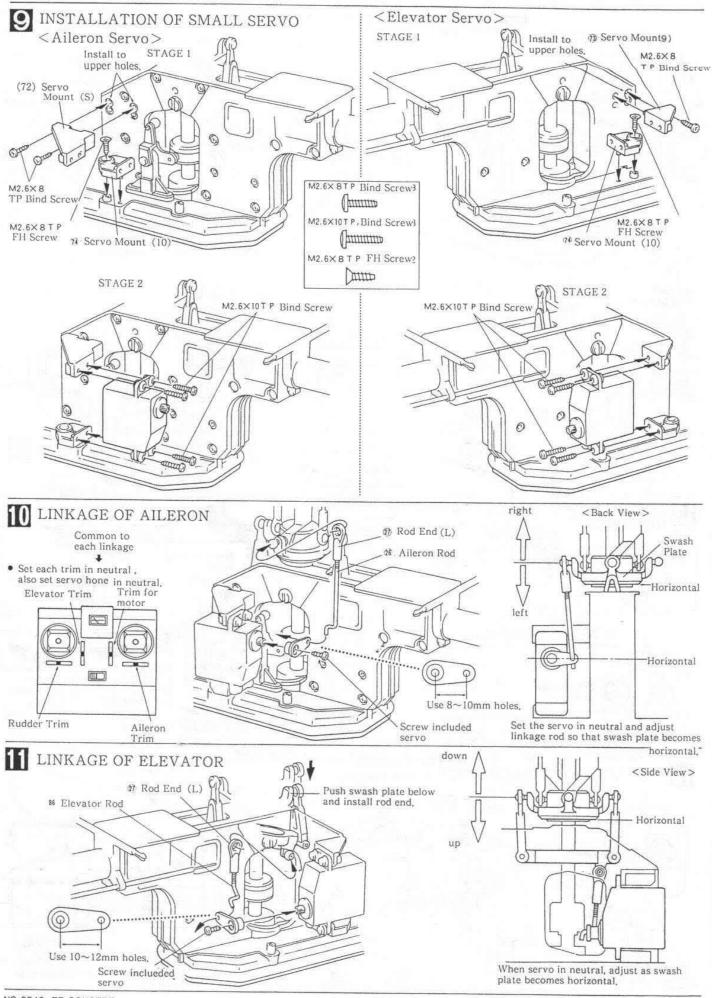


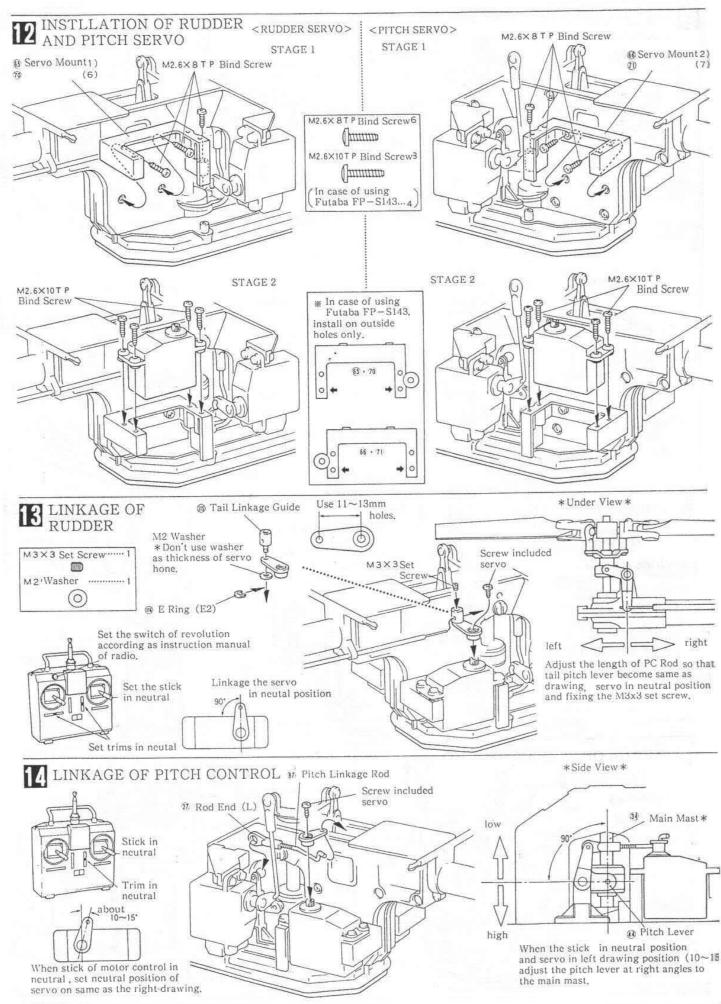
Set Screw

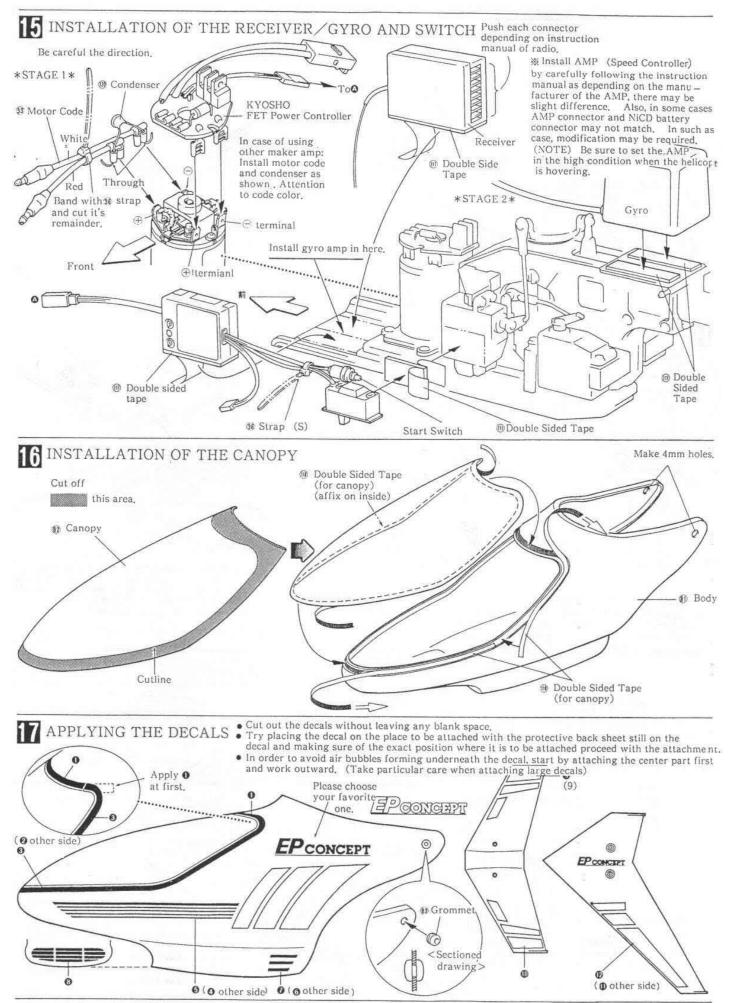


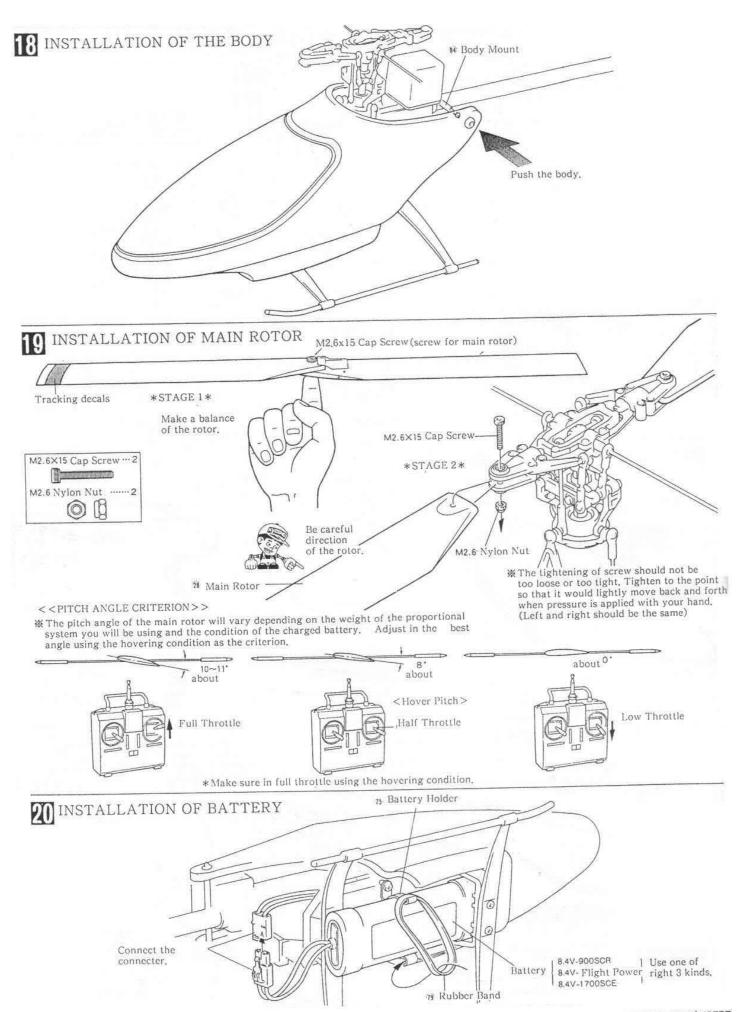




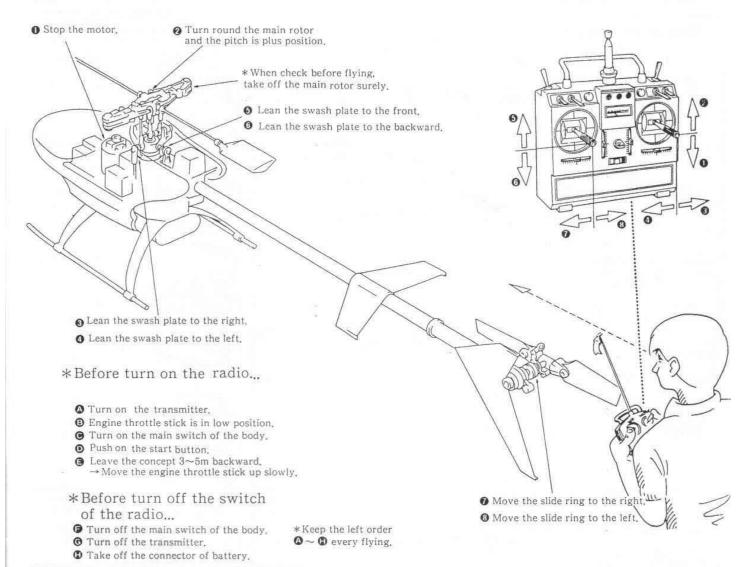












CHARGING OF NICO BATTERY

Depending on how the NiCd battery is charged, the flying time and flight performance of the EP Concept will vary, Read the instruction manual in the charger carefully and charge correctly,



<< HOW TO CHARGE>>

• In case of Multi Charger II

Start to charge the NiCd battery after it has been completely discharged or in used up condition. Set the electric current at 3~4A, the timer at 20 minutes and

as a criterion of full charge, stop the charging when the battery becomes a little warm.



Make sure that the batteries for the transmitter and receiver are both fully charged.





• FET Auto Charger

Perform charging after the NiCd battery has been completely discharged.

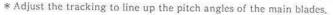
Set the electric current at 3~4A, press the start button if the battery feels a little warm at the time of auto cut-off, the charging is finished. If the battery does not feel warm, charge by pressing the start button again. If the battery becomes warm before the auto cut-off in the second charge, end the charging

CONTROL REACTIONS

The EP CONCEPT will respond with these reactions to each signal from the radio.

	HELICOPTER RESPONSE	RADIO STIC	CK POSITION
TILTS AND MOVES FORWARD			ELEVATOR STICK PUSHED FORWARD
TILTS AND MOVES BACKWARD			ELEVATOR STICK BACK
TILTS AND MOVES LEFT			AILERÓN TO THE LEFT
TILTS AND MOVES RIGHT			AILERON TO THE RIGHT
THE NOSE MOVES LEFT COUNTER CLOCKWISE ROTATION			RUDDER STICK TO THE LEFT
THE NOSE MOVES RIGHT CLOCKWISE ROTATION.			RUDDER TO THE RIGHT
AS THE MOTOR'S RPMS INCREASE THE BLADE PITCH ALSO INCREASES AND THE HELICOPTER LIFTS UP,			MOTOR SPEED CONTROL STICK HIGH
AS THE MOTOR'S RPMS DECREASE THE BLADE PITCH DECREASES AND THE HELICOPTER DESCENDS,			MOTOR SPEED CONTROL STICK SLOW

FLYING STEP 1 ... CHECKING THE TRACKING



Turn to the switch on the proportional system in the order of @~@ of page 12 making sure that there are no people around you and it is in an area where there are no houses nearby.

Distinguish if the rotor blade with the decal is rotating above or below.

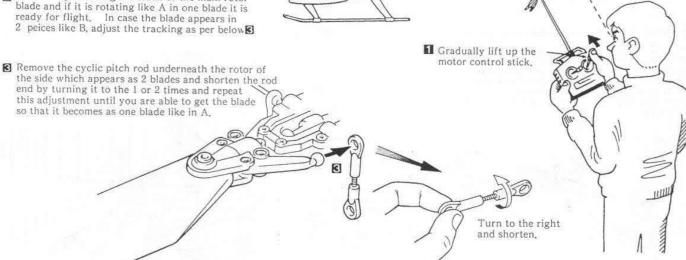
Placing the helicopter on a flat ground, stand about 3-5m away towards the rear part of the helicopter.

Raise the engine revolution up to the point where the helicopter would just about take off (about medium slow) and look at the main blade directly from the side.

 \blacksquare In carefully checking the track of the main rotor blade and if it is rotating like Λ in one blade it is ready for flight. In case the blade appears in

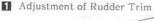
2 peices like B, adjust the tracking as per below

2



FLYING STEP 2 ... ADJUSTING THE TRIM

As the revolution on the main rotor blade increased and the helicopter tries to lift off the ground, different kind of flight characteristic will start to appear. To neutralize this characteristics is the adjustment of trim.





By gradually lifting up the motor control stick and just before take off:

If the nose heads swings to (a) move the trimleft (A) ® move the trim right3

adjust so it will not swing to right or left.

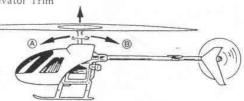
2 Adjustment of Aileron Trim



Looking at the helicopter from the rear, gradually lifts up the motor control stick until the helicopter just about is ready to lift off the ground If the helicopter

tilts toward (A), move the trim left (B) tilts toward, move the trim right to neutralize.

Adjustment of Elevator Trim

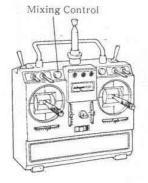


Looking at the helicopter from the rear, gradually raise the motor control stick until the helicopter just about is ready to lift off the ground

If the helicopter

tilts toward , move the trim back tilts toward , move the trim forward ! to neutralize.

4 Adjustment of throttle/tail rotor mixing



In a proportional system for a R/C helicopter, a mixing device is incorporated.

Revolution mixing is...

The anti torque is varied by changing the main rotor pitch. To cope with this mixing motion is called the revolution mixing. For adjustment, refer to instruction manuals that with the various manufacturers proportional system.

FLYING STEP 3 ... BEFORE PRACTISING HOVERING

ALL OF THE BASICS IN FLYING HELICOPTER IS IN THE HOVERING. IF HOVERING CAN NOT BE DONE, IT WILL NOT BE POSSIBLE TO FLY IN THE AIR OR LAND. THEREFORE, PLENTY OF TIME SHOULD BE SPENT IN THE PRACTICE OF HOVERING. BEFORE PROCEEDING LET'S THOROUGHLY KEEP THE FOLLOWING MATTERS IN MIND.

11 Hovering should always be practised facing the wind.



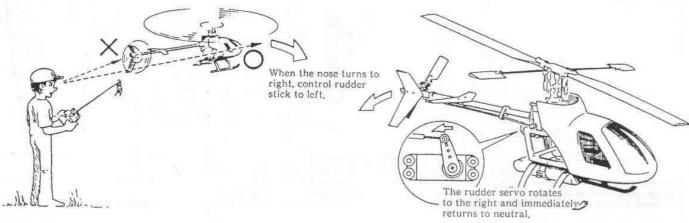
Do not look at the tail when controlling the rudder!

When flying R/C planes or running R/C cars people watch the nose or the front end but... For some reason, majority of the people have a tendency of looking at the tail when flying a helicopter. Concentrate

of looking at the tail when flying a helicopter. Concentrate in flying a helicopter keeping in mind that the nose is to be controlled to go to the left or right and not to swing the tail to right or left.

E Check once again the effective direction of the GYRO. (When used)

When the switch of the transmitter and receiver are turned on and the rudder servo rotates slightly to the right and immediately returns to neutral when the tail is moved toward this arrow , it is ready to go.

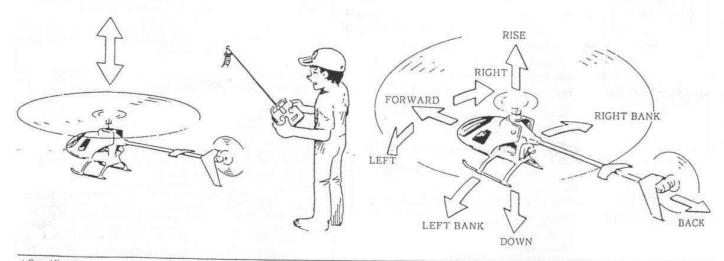


FLYING STEP 4 ... HOVERING PRACTISE

Looking at the helicopter from the rear, make it lift off the ground.

After lifting off the ground up to a height of about 10cm, return the motor control switch to "SLOW" position and make the helicopter land. Repeat this motion many time as possible and gradually raise the flying height.

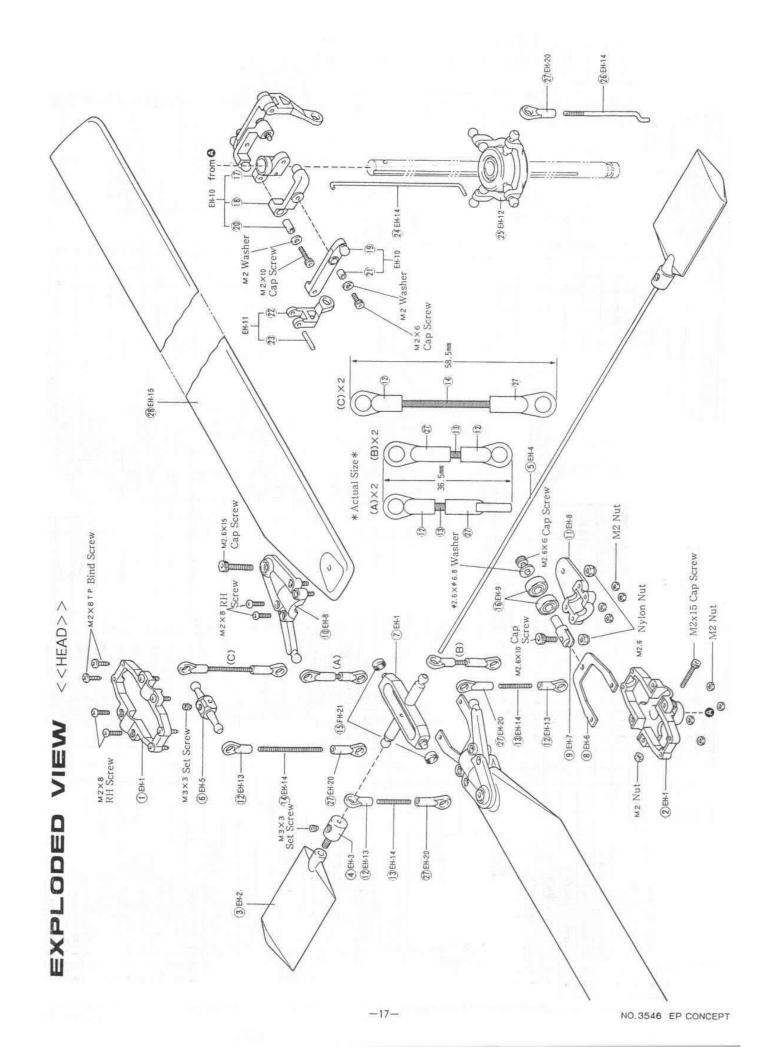
Stick control is done by always estimating ahead of what kind of movement the helicopter will make. A hovering helicopter will not remain in the same spot. By estimating what kind of movement the helicopter will be making and by manipulating the stick ahead of time, try to practise so that you will be able to keep it in one set area. When you are able to do the hovering, it would mean that you have mastered 80% of the R/C helicopter flying technique.

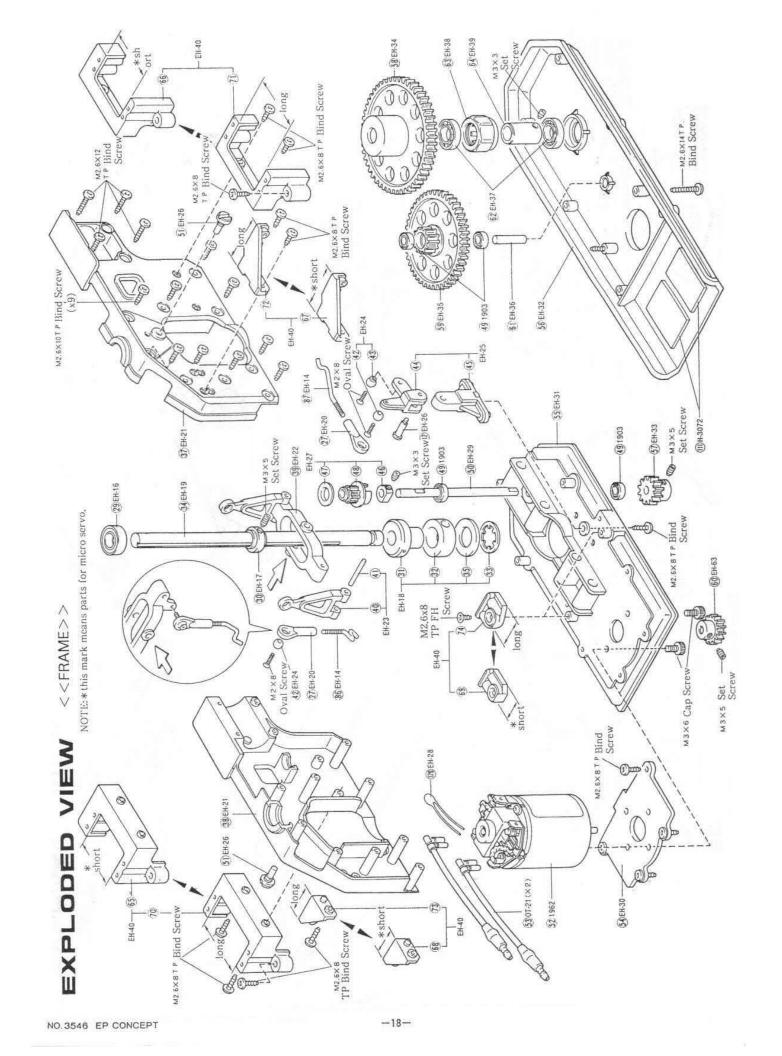


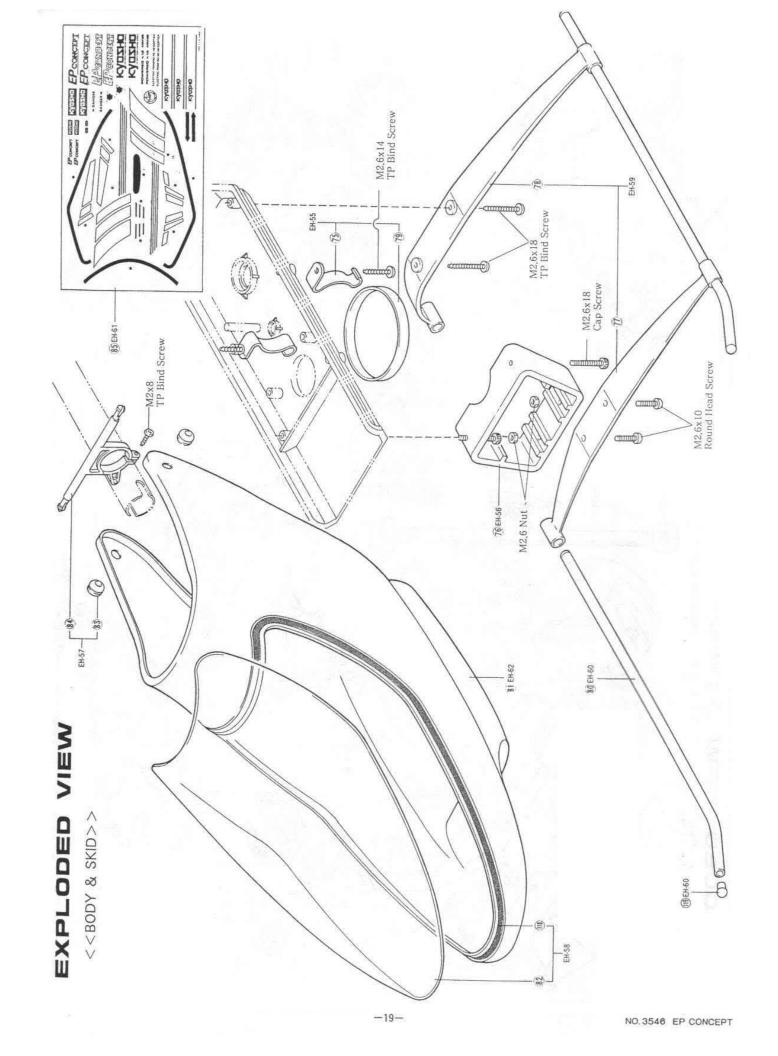
^{*}Specifications are subject to change without notice.

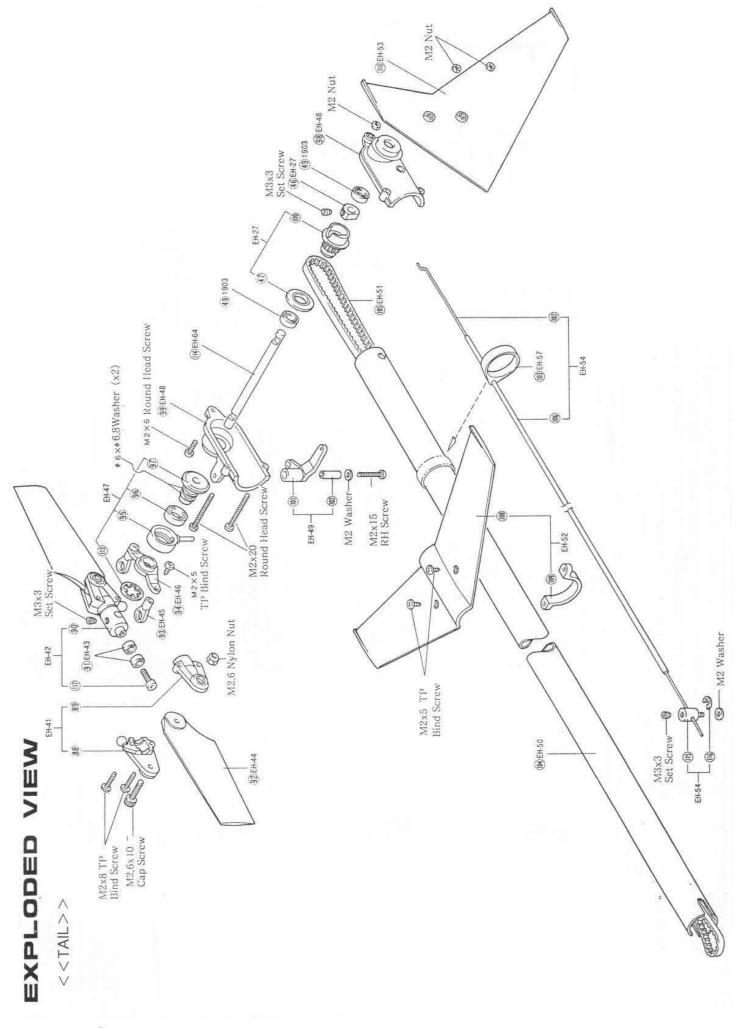
*Prohibit make a copy and all right reserved.

>	Parts Name	Q'ty F	Key No			Key No			ney No	ditto (vanto	arris .	1
The low I a feed a fee		1	100 mm	Farts Name		in Coast	Parts Name	5	011	Dankle Cided Tan	for Canony	0
The law to be to be	Rotor Head (A)	-	0 40	Elevator Link	2	79	Rubber Band		118	Double Sided Tape for	Tor Canopy	7
the last a last		-	© 41	♦ 2×14 Parallel Pin	2	80	Skid	2	119	Skid Cap		4
The Paper of the	Stabilizer Plate	2		φ 4.8 Ball (A)	2	18	Body	-	120	Condenser		-
a least at la	O to be the second seco	0		(8)	-	82	Canopy	-	*	Round Head Screw		-
20 2 /2	Stabilizer Holder	1 -		Pitch Lever	-	83	Grommet	2	*		M2×8	12
3 12	Stabilizer Bar			Ditch Lover Bace	-	© 84	Body Mount	-	*	*	M2×20	2
	Hiller Control Lever	- -		Dalla Standard	- 0	-31	Decal	-	*	T P Bind Screw	M2X5	N
•	Stabilizer Seesaw	- (runy stopper	1 0	38	Flevator Rod	-	*	*	M2X8	6
ω.	Flapping Hinge	7	394	5	١.	2 6	End and the state	+	+	4	M2.6X8	5
6	Feathering Shaft	2	N. C. S. C.		- 0	27	Titen tinkage nod		+	٠	M2.6×10	10
01 •	Main Rotor Grip (A)	2	@ 43	φ 4 X φ 8 X 4 Bearing	9		Tall Kotor Grip (A)	4 0	(-	4	M2 6×12	4
-	(8)	2	09 20	Pully Shaft	1	0 89	, (B)	2	k ·	8	M2.07.12	, ,
12	Rod End (M)	9	0 51	Elevator Lever Shaft	2	06 0	Tail Center Hub	-	*		M2.67.14	4 0
13	S.	4	@ 52	Motor	-	0 91	\$ 3 X \$ 6 X2.5 Bearing	4	*	Cap Screw	MZX6	7
2 7		0	21	Motor Code	1 set	92	Tail Rotor	2	*	*	M2×10	2
	0	0	0 54	Motor Base	-	▶ 93	Rod End (S)	2	*	*	M2.6×6	2
		J		Sub Erms (A)	-		Tail PC Plate		*	•	M2.6×10	2
	4	+ -			-		Tail Pitch Ring	-	*	*	M3X6	N
	Mixing Base	- (- -		& A X & 10 X 3 Bearing	-	*	Set Screw	M3X3	9
	Mixing Lever	7	- 1	Pinion Gear (1017)			1172	-	*	*	M3X5	m
		7 0		Main Oear	- -	- 11	Tail Gear Box (1)		*	Nut	M2	15
	Lever Bush (A)	2		Idler Gear					*	Nylon Nut	M2.6	2
© 21	(8)	2		Motor Pinion	- -	5 6	bully (B)		+	Washer -	M	4
@ 22	Cyclic Lever Link	2	- 1	- 1	- -	00100	(a) (iii)	- -		Dound Hoad Serow	1	-
@ 23	♦ 2×10 Parallel Pin	2	© 62	♦ 7 X ♦ 14 X 3.5 Bearing	2	101	0			Nound Head Sere	4	C
@ 24	Pitch Rod	-	© 63	Oneway Bearing	1	102	Lever Bush (C)	-			W2.0010	1 0
	Sweet Plate Assembly	1 set	@ 64	Onway Shaft	-	@103	PC Guide	-		T P Bind Screw	MZXD	4 5
	Attent Dod	-		Servo Mount (1)	-	0104	Tail Boom	-		*	M2.6×10	16
	All on road	. 0	99		-	@105	Belt	-		*	M2.6×8	6
0 27	-	0 0	23		-	109	PC Pipe	-		*	M2.6×14	2
- 1	Main Rotor	7 -	/0		-	107	PC Rod	-		*	M2.6×18	2
	-	-	00 00			108	Stabilizer Fin	-		Cap Screw	M2X15	-
- 1	φ 7 Stopper	- -	60 65		1 -	8 8	Brakel	-		*	M2.6×10	2
- 1	Pitch Slider	-	2 :		- -	110	Vertical Fin	-		*	M2.6X15	2
	Pitch Slide King	- -	1/ 01		- -	11.	Double Sided Tane	-		*	M2.6×18	2
			7/		- -	0110	-	-		T P Flat Head Scr	ScrewM2.6X8	2
@ 34	-	-	/3		- (7110	+	-		t Screw	M3X3	2
@ 35	Slide Ring Washer		74	(10)	N G	2 :	-	-		Nut	M2	-
36	Strap (S)	4	75	Battery Holder	N	0 14	-			*	M2.6	2
@ 37	Main Frame (L)	-	76	Brace Holder	-	115	-	- -		N. de- Mark	M2 6	4
@ 38	(R)	1	11	Front Brace	-	116	-	- 0		Nylon Nut	M 2	
@ 39	Elevator Lever		78	Rear Brace	-	0117	Tail Rotor Shaft	2		wasner	Z IVI	1 (









PURCHASABLE	PARTS FOR	YOUR KIT **
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SABLE	쯔	*
PURCHAS	PARTS FO	YOUR KIT
*		

separately, but are available within a Parts Pack. When referring to the parts you need, always use the Kyosho Parts Pack Number. For instance, if you need a Rotor Head (A) ask your dealer for "parts packs" which can be purchased anywhere Kyosho kits are sold. Note that parts are not sold

You can purchase replacement and optional parts for your kit.

We offer these parts in convenient

No.	Part Name	Key Number & Q'ty	No.	Part Name	Key Nu
E H-1	Rotor Head	① ② ① 1 each	E H-28	8 Condenser	® × 2
E H-2	Stabilizer Blade	3×2	E H-29	9 Pully Shaft	€ 1×
E-H-3	Stabilizer Holder	@x2	E H-30	0 Motor Base	(%×1
E H-4	Stabilizer Bar	(6×2	E H-31	Sub Frame (A)	®×1
E H - 5	Hiller Control Lever	(6 × 1	E H-32	2 * (B)	88×1
E H-6	Flapping Hinge	(B × 2	E H-33	Pinion Gear (16T)	(8) 1 ×
EH-7	Feathering Shaft	9×2	E H-34	1 Main Gear	(%) - X
E H-8	Main Rotor Grip	(0 (1) 2 each	E H-35	i Idle Gear	(8) × 1
6-H3	\$ 4×\$ 10×4 Bearing	(0×2	E H-36	idle Shaft	(e) X
E H-10	Mixing Lever	①×1 @個個個 Zeach	E H-37	ø 7 X ₱ 14X3.5 Bearing	(0) × 1
E H-11	Cyclic Lever Link	20 20 2 each	E H -38	Oneway Bearing	(6) X
E H-12	Swash Plate Assembly	ℬ×1 set	E H-39	Oneway Shaft	© X
E H-13	Rod End (M)	@×10	3		63666768
		29 26 36 30 1 each	9	Servo trame	69 69 2
H H - H	Kod Set	(0×2 (0×4	E H-41	Tail Rotor Grip	(8) (8) Z
E H-15	Main Rotor	@X2	E H-42	Tail Center Hub	@ × 1
E H-16	♦ 7×♦ 14×5 Bearing	3 × 1	E H-43	♦ 3×♦ 6×2.5 Bearing	@×2
E H-17	φ 7 Stopper	30 X 1	E H-44	Tail Rotor	00×2
E H-18	Pitch Slider	(3) (3) (3) (3)	E H-45	Rod End (S)	® ×10
E H-19	Main Mast	36×1	E H-46	Tail PC Plate	(S) X
E H-20	Rod End (L)	Ø3×10	E H-47	Tail Pitch Ring	(9) (8) (3)
E H-21	Main Frame	37 38 X	E H-48	Tail Gear Box	1 68 69
E H-22	Elevator Lever	39×1	E H-49	Tail Pitch Lever	- (8) (8)
E H-23	Elevator Link	@ @	E H-50	Tail Boom	(§)
E H-24	ф 4.8 Ball	60 60	E H-51	Belt	(§)
E H-25	Pitch Lever	69 69	E H-52	Stabilizer Fin	- S
E H-26	Lever Shaft	@×1 Ø×2	E H-53	Vertical Fin	(E)
E H-27	Pully Set	(6 (6) (6) (7) ×2	E.H-54	Tail Linkage	(1) (1) (1)

Part Name Key Number	(%×2	- (\$\infty \times \tim	(9×1	(A) ®×1	(B) S ×1	(16T) ®×1	- × (8)	69×1	(6) X	5 Bearing 60×1	ring (3×1	TX @ TX	(\$6606000000 x1	rip (8) (9) 2 each	Hub @x1 @x2	5 Bearing ®×2	Ø × 2	® ×10	(\$\times 1	B) 69 60 (B) Bu	x (9) (9) 1 cach	ver ® Ø 1 each	(8) 1-X	(§)	(8) (8) 1 cach	
Part	Condenser	Pully Shaft	Motor Base	Sub Frame (A)	3	Pinion Gear	Main Gear	Idle Gear	Idle Shaft	\$ 7 X\$ 14X3.5	Oneway Bearing	Oneway Shaft	Servo Frame	Tail Rotor Grip	Tail Center I	\$ 3X\$ 6X2.5	Tail Rotor	Rod End (S)	Tail PC Plate	Tail Pitch Ring	Tail Gear Box	Tail Pitch Lever	Tail Boom	Belt	Stabilizer Fin	Wasting Fin
No.	E H-28	E H-29	E H-30	E H-31	E H-32	E H-33	E H-34	E H-35	E H-36	E H-37	E H-38	E H-39	E H-40	E H-41	E H-42	E H-43	E H-44	E H-45	E H-46	E H-47	E H-48	E H-49	E H-50	E H-51	E H-52	

EH-56 Battery Holder (% ×1) (% ×1) EH-56 Brace Holder (% ×1) (% ×1) EH-57 Body Mount Set (% ×1) (% ×1) EH-58 Canopy (% ×1) (% ×1) EH-69 Brace (% ×1) (% ×1) EH-69 Skid (% ×1) (% ×1) EH-61 Decal (% ×1) (% ×1) EH-62 Body (% ×1) (% ×1) EH-63 Motor Pinion (% ×1) (% ×1) EH-63 Body (% ×1) (% ×1) EH-63 Body (% ×1) (% ×1) EH-63 Motor Pinion (% ×1) (% ×1) EH-63 Atail Output Shaft (% ×1) (% ×1) EH-63 Atail Output Shaft (% ×1) (% ×1) Boto Crew & Nut Set (% ×1) (% ×1) Boto Leave & Xaya Bearing (% ×1) (% ×1) Body Ataye & Xaya Bearing (% ×1) Body Ataye & Xaya Bearing (%	NO.		
EH-56 Brace Holder (8) (8) × 1 EH-57 Body Mount Set (8) (8) × 1 (9) × 1 (9) × 1	E H-56	100 PR	®×1 ®×2
EH-57 Body Mount Set (6) (@x 1) (@) EH-58 Canopy (@x 1) (@) EH-59 Brace (f) (@) EH-60 Skid (@x 2) (@) x 1 EH-61 Decal (@x 1) EH-62 Body (f) x 1 EH-63 Motor Pinion (f) x 1 EH-63 Acrew & Nut Set 1 set H-65 Screw & Nut Set 1 set H-65 Screw & Nut Set (f) x 2 H-65 Screw & Nut Set (f) x 2 H-65 Screw & Nut Set (f) x 2 H-65 Acrew & Sasa Bearing (f) x 2 H-65 Acrew & Sasa Bearing (f) x 2 H-67 Acrew & Sasa Bearing (f) x 2 H-68 Acrew & Sasa Bearing (f) x 4 H-69 Acrew & Sasa Bearing (f) x 4 H-69 Acrew & Sasa Bearing <td< td=""><td>E H-56</td><td>100</td><td>®×1</td></td<>	E H-56	100	®×1
EH-56 Canopy ® × 1 ® × 2 ® × 1 ® × 1 ® × 1 ® × 1 © × 2 © × 4 <t< td=""><td>E H-57</td><td>Body Mount</td><td>8 @×1 8×2</td></t<>	E H-57	Body Mount	8 @×1 8×2
EH-59 Brace (D) (D) EH-60 Skid (D) × 1 EH-61 Decal (D) × 1 EH-62 Body (D) × 1 EH-63 Motor Pinion (D) × 1 EH-63 Motor Pinion (D) × 1 EH-64 Tail Output Shaft (D) × 1 EH-65 Screw & Nut Set 1 set EH-65 Screw & Nut Set 1 set D 7-21 Motor Code (D) × 1 set D 903 4 x x 8 8 x 3 Bearing (D) × 1 set D 904 4 x 8 8 x 3 Bearing (D) × 1 set D 005 A x 8 8 x 3 Bearing (D) × 1 set D 005 A x 8 8 x 8 Bearing (D) × 1 set D 007 A x 8 8 x 8 Bearing (D) × 1 set D NiCD Battery SA 1 For Hovering B 40-1700SCR for Hovering B 40-1700SCR for practice D Charger Charger B 49 Multi Charger II B 54 F ET Auto Charger	E H-58	_	(2)
EH-60 Skid EH-61 Decal EH-62 Body EH-63 Motor Pinion EH-64 Tail Output Shaft EH-64 Tail Output Shaft EH-65 Screw & Nut Set EH-67 A 3x¢ 6x2 Bearing EH-68 Screw & Nut Set EH-69 Sizew & Nut Set EH-69 A 3x¢ 6x2 Bearing EH-69 A 3x¢ 6x7		-	10 cm
EH-61 Decal (6) × 1 EH-62 Body (6) × 1 EH-63 Motor Pinion (6) × 1 EH-64 Tail Output Shaft (6) × 1 EH-65 Tail Output Shaft (6) × 1 EH-65 Screw & Nut Set 1 set FH-65 Screw & Nut Set (7) × 2 FH-65 Screw & Nut Set (7) × 2 FH-65 Screw & Nut Set (7) × 2 FH-65 Screw & Nut Set (7) × 1 FH-65 Screw & Nut Set (8) × 1 FH-71 Screw & Nut Set (9) × 1 FH-72 Screw & Nut Set (6) × 1 FH-73 Screw & Nut Set (6) × 1 Screw & Nut Set (7) × 1 Screw & Nut Set (7) × 1 Screw & Nut Set (7) × 1 Screw & Nut Se	E H-60		N
# H-62 Body # (#) × 1 # H-64 Tail Output Shaft # (#) × 1 # H-64 Tail Output Shaft # (#) × 1 # H-65 Screw & Nut Set 1 set # H-21		Decal	®×1
8.H-63 Motor Pinion (9 × 1) 8.H-64 Tail Output Shaft (9 × 1) 8.H-65 Screw & Nut Set 1 set 1.H-65 Screw & Nut Set (9 × 2) 1.T-21 Motor Code (9 × 2) 1.3072 Double Sided Tape (9 × 2) 90.3 \$4 × \$\phi \text{ 8 x 3 Bearing } \text{ (9 × 2)} 96.2 Le Mans AP36 Motor (3 × 1) 96.2 Le Mans AP36 Motor (3 × 1) 96.2 Le Mans AP36 Motor (4 × \$\phi \text{ 4 chovering } \text{ for Hovering } \text{ 4 chosenge} 3.18 8.4V-1700SCR for Hovering f	E H-62	-	(6) × 1
# Tail Output Shaft	E H-63	Motor	60×1
1 H-65 Screw & Nut Set 1 set 1 T-21 Motor Code (3 × 1 set 1 T-21 Motor Code (3 × 1 set 1 3072 Double Sided Tape (3 × 1 90.3 4 × 4 8 × 3 Bearing (3 × 2 96.2 Le Mans AP36 Motor (3 × 1 96.2 Le Mans AP36 Motor (4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 ×	E H-64	-	(B) X-1
17-21		& Nut	-
903	F H-21	3X4 6X2 Bearing	-
903		Motor Code	-
903 \$ 4 X \$ 8 X \$ Bearing \$ (3) X 2 962 Le Mans AP36 Motor \$ (2) X 1 OPTIONAL PART • NiCD Battery for advanced 318 8.4V.1200SCR for Hovering 6 AV.1200SCR for Practice 9 Charger 11 246 FET Auto Charger 11 246 FET Auto Charger 1	H-3072	Double Sided Tape	() X1
962 Le Mans AP36 Motor (3) × 1 OPTIONAL PART NICD Battery for advanced 318 8.4V-1200SCR for Hovering 6.24V-1700SEC for practice 6.24V-1700SEC 7.24V-1700SEC 7.24V-1700SE	1903	8 X 3	(3×2
OPTIONAL PART NICD Battery 1355 84V-1000SCR for Hovering 1333 84V-1700SEC for practice Charger Auti Charger II 246 FET Auto Charger	96	Le Mans AP36 Motor	€3×1
OPTIONAL PART NICD Battery SES 8.4V-1000SCR for advanced for Hovering RAV-1700SEC for practice Charger Multi Charger II A 49 Multi Charger II Cabb FET Auto Charger			
NiCD Battery Sexv.1000SCR for advanced Rev.1200SCR for Hovering Rev.1700SEC for practice Charger Multi Charger II Ref T Auto Charger		OPTHONAL PART	
355 8.4V-1000SCR for advanced 318 8.4V-1200SCR for Hovering 333 8.4V-1700SEC for practice • Charger for practice 849 Multi Charger II 246 FET Auto Charger		NiCD Battery	
318 8.4V-1200SCR for 333 8.4V-1700SEC for • Charger 849 Multi Charger II	3.5	8.4V-1000SCR	for advanced flyer
3.3.3 8.4V-1700SEC for • Charger 8.4.9 Multi Charger II 2.4.6 F.E.T. Auto Charger	3	8.4V-1200SCR	
• Cha 849 Multi 246 FET	33	8.4V-1700SEC	
849 Multi 246 FET		Charger	
246 FET	8 4		
	24	ET	

-The Super Hobby-



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