Futaba®

T6K-V3S

Changes in T6K-V3S

This software updates or alters the functions and features noted below. The instructions and information that follow are meant as a supplement to the original instruction manual that accompanied the T6K transmitter. Please refer to the original instruction manual where applicable, but replace the steps indicated below with these instructions.
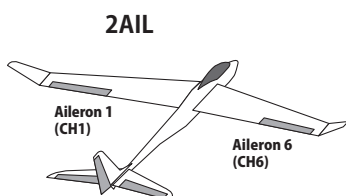
⚠ Model data transfer

Model data of T6K-V3S cannot be transferred to an older version of T6K transmitter.

It is possible to transfer the model data of the old version of T6K model data to the transmitter of T6K-V3S.

Ver 3 additional features

Glider: Addition of the 2AIL-B to the wing type

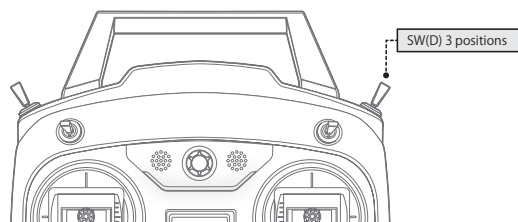Conventional 2AIL →   Ailerron: CH1 and CH6
2AIL-B →   Ailerron: CH1 and CH3

2AIL

Aileron 1
(CH1)

Aileron 6
(CH6)

2AIL-B

Aileron 1
(CH1)
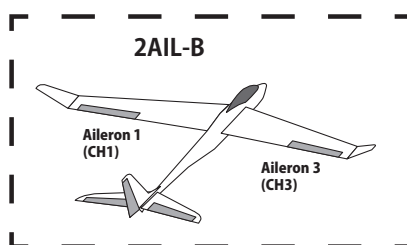
Aileron 3
(CH3)

2AIL-B is for non-powered gliders only. Engine and motor functions cannot be used.

CH	2AIL-B 2 Aileron
1	Aileron 1
2	Elevator
3	Aileron 3
4	Rudder
5	– – –
6	– – –
7	– – –
8	– – –

V3S additional features

Switch D changed to 3 positions.

Switch D of T6K used to have 2 positions, but V3S has 3 positions.

SW(D) 3 positions

The timer was added to two circuits.

You can measure two times at the same time.

Timer 1

```
TIMER  ∎2  0:00.0
TIME ▶ 10:00
MODE ▶ UP
START ▶ SwA ▶ NULL
RESET ▶ SwA ▶ NULL
VIB   ▶ OFF
```

Timer 2

```
TIMER  1∎ 10:00.0
TIME ▶ 10:00
MODE ▶ DOWN
START ▶ SwA ▶ NULL
RESET ▶ SwA ▶ NULL
VIB   ▶ OFF
```

Glider: Addition of the 4 conditions

The old model had 3 conditions, but the V3S has been added to 4 conditions.

Glider: CONDITION
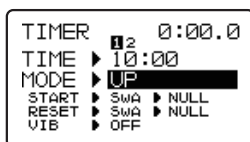
```
CONDITION
(NORM)
1▶ INH ▶ SwA ▶ NUL
2▶ INH ▶ SwA ▶ NUL
3▶ INH ▶ SwA ▶ NUL
```
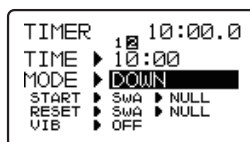
```
CONDITION
(CND3)
1▶ OFF ▶ SwC ▶ CNT
2▶ OFF ▶ SwC ▶ DWN
3▶ ON  ▶ SwD ▶ DWN
```

NORMAL

CONDITION 1

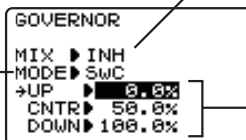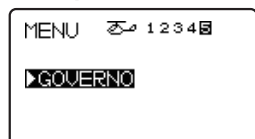**CONDITION 2**

CONDITION 3

Helicopter: Addition of the governor setting function

When a governor is used, the speed can be adjusted from the transmitter. CH7 can be selected as the speed setting control channel.

Helicopter: GOVERNOR

```
MENU   🕮 1234∎

▶GOVERNO
```

```
GOVERNOR
MIX ▶ INH
MODE▶ SwC
→UP  ▶ 0.0%
 CNTR▶ 50.0%
 DOWN▶ 100.0%
```

INH is a state in which the function is not used. Select **"CH7"** to use the function.

R.P.M setting

Setting examples：

● **Example of setting that switches the speed and ON/OFF by 3 position switch**

Governor speed (setting example)	3 position		Adjustment from transmitter
	Switch direction	Setup of rate	
R.P.M 1：OFF	UP	0%	0%（Governor R.P.M "off"）
R.P.M 2：1400	CNTR	50%	"50%"
R.P.M 3：1700	DOWN	100%	"100%"
*For example, speed 3 sets the maximum speed to be used and is lowered and adjusted at the transmitter.	*For the time being use the initial rate setting.		*Since speed adjustment from the transmitter is rate setting, checking the actual speed at the governor display and remembering its relationship is convenient.

```
GOVERNOR
MIX ▶ CH7
MODE▶ Cond
→NORM▶ 0.0%
 IDL1▶ 58.0%
 IDL2▶ 110.0%
 HOLD▶ OFF
```
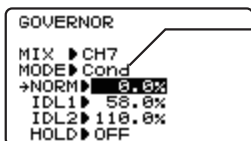
● **Switching the speed for each condition**
The speed for each condition can be set by selecting "Cond" by switch. Since speed adjustment from the transmitter is rate setting, for the actual speed check the governor display.

● **Controlling governor ON/OFF by separate switch**
When a separate switch is used to turn the governor on and off, switch setting is performed by "OFF-CNTRL" item.

⚠ Speed and ON/OFF switch settings are different depending on the governor. Perform these settings in accordance with the instruction manual of the governor used.

⚠ At throttle hold, always confirm that the governor is OFF. Conversely, when raising the speed value, reverse the polarity of "CH7".