

FOR EUROPE

CANALSAT RECEIVER REACTIVATION

CanalSat broadcasts reactivation codes throughout each month for all valid access cards. The transmissions are most frequent during the first three days of the month. Airborne TV systems can have more than one CanalSat receiver, and the access cards in the receivers are not the same. That is why on an aircraft with multiple CanalSat receivers, some, none or all of them can be working.

The satellite signal strength in the European region is much less than that in the U.S. region. Degradation or loss of signal may be caused by adverse weather or aircraft location (at the edge or outside of the European service footprint). All of these factors can interfere with CanalSat reactivation.

➤ Is a "hit" required?

1. Make sure that the aircraft is within the European footprint with favorable weather conditions.
2. Make sure that the antenna has a clear line of sight to the CanalSat satellite.
3. Route the first European receiver video output to a cabin monitor.
4. Tune the receiver to channel 1, "TF 1"
5. If the receiver is not active, the cabin monitor should display an error message.

➤ Obtain a "hit"

1. In preparation for a hit, make sure that the aircraft is within the European footprint with favorable weather conditions.
2. Power up the TV system and initialize the aircraft's altitude reference system.
3. Make sure that the antenna has a clear line of sight to the CanalSat satellite.
4. Route the first European receiver video output to a cabin monitor.
5. Tune the receiver to channel 1, "TF 1". The cabin monitor should display a message banner that says you do not have rights to the program.
6. Repeat steps 4 and 5 for each inactive European receiver installed on the aircraft.

Tailwind® 550
TV programming
for Europe

Europe

European Programming For Tailwind® 550

A Arabic	G German	P Polish
B Belarus	I Italian	P Portuguese
D Deutch	K Korean	S Spanish
E English	M Multi	T Turkish
F French	O Origin	

Free-to-air
CanalSat – Encrypted
CanalSat – Encrypted (option)

The following channel list is effective October 1, 2009. Channels listed are subject to change without notice.

Channel Number	Channel Name	Language
1	TF1	F/O
2	FRANCE 2	F
3	FRANCE 3	F
4	TPS STAR	F/O
5	ARTE	F
6	FRANCE 5	F
7	M6	F
8	LCI	F
9	I>TELE	F
10	LCP	F
11	BFM TV	F
12	France 24 (en Français)	F
13	C CINEMA PREMIER	F/O
14	C CINEMA FRISSON	F/O
15	C CINEMA EMOTION	F/O
16	C CINEMA CLUB	F/O
17	C CINEMA STAR	F/O
18	C CINEMA FAMIZ	F/O
19	C CINEMA CLASSIC	F/O
20	CINE POLAR	F
21	CINE FX	F
22	TCM	F/E
23	ACTION	F
24	DISNEY CINEMAGIC	F
25	DISNEY CINEMAGIC+1	F
26	13EME RUE	F
27	COMEDIE !	F
28	JIMMY	F/O
29	SCI FI	F/O
30	TF6	F
31	SERIE CLUB	F
32	TV BREIZH	F
33	TEVA	F

34	FRANCE 4	F
35	TMC	F
36	PARIS PREMIERE	F/O
37	W9	F
38	RTL9	F
39	NT1	F
40	NRJ 12	F
41	TV5MONDE	F
42	TV5MONDE EUROPE	F
43	Direct 8	F
44	PLANETE	F
45	PLANETE THALASSA	F
46	PLANETE JUSTICE	F
47	PLANETE NO LIMIT	F
48	DISCOVERY	F
49	VOYAGE	F
50	HISTOIRE	F
51	USHUAIA TV	F
52	NATIONAL GEO	F
53	NAT GEO WILD	F
54	SEASONS	F
55	ANIMAUX	F
56	ESCALES	F
57	toute L'HISTOIRE	F
58	ENCYCLOPEDIA	F
59	SPORT+	F
60	EUROSPORT	F
61	INFOSPORT	F
62	L'EQUIPE TV	F
63	EQUIDIA	F
64	EUROSPORT 2	F
65	ESPN CLASSIC	F
66	AB MOTEURS	F
67	MOTORS TV	F/E
68	MA CHAINE SPORT	F
69	OMTV	F
70	OLTV	F
71	GIRONDINS TV	F
72	ONZEO	F
73	YACHT AND SAIL	E
74	EXTREME SPORTS	F
75	ESPN America	E
76	TIJI	F
77	PIWI	F
78	PLAYHOUSE DISNEY	F
79	DISNEY CHANNEL	F/O
80	CANAL J	F
81	TELETOON	F
82	TELETOON+1	F
83	Cartoon Network	F/E
84	DISNEY XD	F
85	GULLI	F
86	BABY FIRST	E

87	Boomerang	F/O
88	DISNEY CHANNEL+1	F/O
89	NICKELODEON France	F
90	FILLES TV	F
91	AB1	F
92	GAME ONE	F
93	MANGAS	F
94	FRANCE Ô	F
95	KTO	F
96	NRJ Paris	F
97	Demain	F
98	VIVOLTA	F
99	CUISINE TV	F
100	TELE MAISON	F
101	REAL TIME	F
102	E! ENTERTAINMENT	F
103	LUXE.TV SD	F/S/G
104	ODYSSEE	F
105	LA CHAINE METEO	F
106	M6 BOUTIQUE LA CHAINE	F
107	Best of shopping	F
108	LibertyTV FR	F
109	MCM	F
110	MCM TOP	F
111	MCM POP	F
112	TRACE TV	F
113	MTV	F
114	MTV BASE	F
115	MTV PULSE	F
116	MTV IDOL	F
117	VIRGIN 17	F
118	NRJ HITS	F
119	M6 MUSIC HITS	F
120	MEZZO	F
121	TELE MELODY	F
122	MTV Hits.	E
123	MTV TWO.	E
124	VH1.	E
125	VH1 Classic.	E
126	CCTV F	F
127	CCTV 9	E
128	EuroNews	E/F/G/I/S/P
129	CNN Int.	E
130	BBC World	E
131	Sky News Intl	E
132	Bloomberg TV	E
133	CNBC Europe	E
134	Russia Today	E
135	Al Jazeera International	E
136	France 24 (in E)	E
137	Travel	E
138	EWTN Europe	E
139	GOD Channel	E

140	Daystar Television Net	E
141	Chamber TV	G
142	BVN	D
143	RAI 1	I
144	RTPI	P
145	RedeRecord	P
146	TVEi	S
147	TVC INT.	S
148	CANAL CLUB	S
149	TMADRID SAT	S
150	EUSKADI TV	S
151	TV GALICIA	S
152	ANDALUCÍA TV	S
153	TV CANARIA	S
154	Cubavision Internacional	S
155	Extremadura TV	S
156	Popular TV	S
157	Aragon TV	S
158	Telesur	S
159	TRT International	T
160	Al Jazeera	A
161	TV7	A
162	CANAL ALGERIE	A
163	2M Maroc	A
164	Medi1SAT	F/A
165	Al Masriya	A
166	Arirang TV	K
167	DW-TV	G
168	MTV Germany	G
169	VIVA Germany	G
170	NICK Germany	G
171	NICK AUSTRIA	G
172	TW1	G
173	GoTV	G
174	INNSAT.TV	G
175	Kuren und Wellness	G
176	QVC Deutschland	G
177	Bibel TV	G
178	WDR Bonn	G
179	Das Erste	G
180	hr-fernsehen	G
181	Bayerisches FS Nord	G
182	BR-alpha*	G
183	ZDF	G
184	ZDFfokanal	G
185	ZDFdoku kanal	G
186	ZDFtheaterkanal	G
187	3sat	G
188	KiKa	G
189	ProSieben	G
190	Kabel 1 Schweiz	G
191	SAT.1 CH	G
192	rbb Berlin	G

193	NDR FS HH	G
194	MDR Sachsen	G
195	SWR Fernsehen RP	G
196	Q TV SHOP	G
197	TIER.TV	G
198	YAVIDO CLIPS	G
199	RNF	G
200	Voyages Television	G
201	Der Schmuckkanal	G
202	n-tv	G
203	RTL Television	G
204	RTL2	G
205	Super RTL	G
206	RTL Shop	G
207	VOX	G
208	Eurosport	G
209	HSE24 extra	G
210	DELUXE MUSIC	G
211	DMAX	G
212	Musicmax	G
213	münchen.tv/RFO	G
214	TVM/WWTV	G
215	tirol tv	G
216	AllesfürsHandy	G
217	Mallorca.TV	G
218	ERF	G
219	tv.gusto	G
220	1-2-3.tv	G
221	ANIXE SD	G
222	imusic TV	G
223	DAS VIERTE	G
224	JAMBA! TV	G
225	Sonnenklar TV	G
226	HSE24	G
227	glück TV	G
228	TELE 5	G
229	AstroTV	G
230	SpiritON.TV	G
231	XXHOME	G
232	meinTVshop	G
233	DSF	G
234	HITRADIO OE3	G
235	ORF2E	G
236	SAT.1	G
237	N24	G
238	9Live	G
239	K-TV	G
240	dhd24.tv	G
241	rhein main tv	G
242	Juwelo TV	G
243	Supreme Master TV	M
244	EinsExtra	G
245	EinsFestival	G

246	EinsPlus	G
247	Phoenix	G
248	Belsat TV	B
249	TV TRWAM	P
250	TVP Historia	P
251	TVP Kultura	P
252	TV Polonia	P
253	TVP INFO	P
254	PLAYBOY TV	F

Some channels may not be available due to the aircraft location and/or weather conditions.