Overtone Chart for Euphonium B.C.

Note: The treble clef is used on the upper staves to save space. This is a non-transposing treble clef. The written pitch is the same as the sounding pitch. The differences between compensating and non-compensating instruments on fourth-valve combinations are clearly indicated.

4th Partial												
	<u></u>	<u>e</u>	<u>→</u>	<u> </u>	<u>a</u>	<u>•</u>	Ω	þa	•	þe	0	.‡o
24th Partial er Slightly)	6	u	_	14								
3rd Partial -Unusable)	2 €	‡ <u>o</u>	<u>a</u>	<u>‡⊕</u>	<u> </u>	0	‡ o	e	‡o	0	‡o	#0
Unusable)	♦	‡ <u>o</u>	<u>o</u>	to								
2nd Partial -Unusable)	<u> </u>	# =	=	#⊕	<u>e</u>	Ω	‡ o	•	‡o	0	‡o	‡o
	\$	<u>o</u>	<u> </u>	<u> </u>	Þ <u>€</u>	þΩ		L				
1st Partial Unusable)	<u>6 </u>	_	_	_	_		0	þ .c.	0	20	ө	o
	^ <u>≏</u>	<u>‡⊕</u>	<u>&</u>	۵	م	•	#a		14			
th Partial Slightly)						0	#o	0	∯o.	е	0	‡e
	v þ <u>a</u>	€	Þ <u>⊕</u>	م	•	Þe		20	_			
th Partial Slightly)	6								8	δ	20	ө
	ა ⇔	Ω	عوا	•	ÞФ	0	#o			L		
h Partial Slightly)	6						#C		0	78	е	‡o
	ه ۵	‡ o	•	‡o	0	#e	#	0	4			
h Partial Slightly)	6					1	#**		‡e	0	ļo.	0
to Booklad	عطق	•	þ .	0	20			20		L		
h Partial Normal)	6								О	Þe	O	е
. Dortiol) o	#0	0	#e	0	0	to.	е	4			
n Partial Slightly)	6			*			‡e	G	#О	0	е	#0
Partial	g b o	0	20	0	0	70	0	Þe		L		
n Partial nusable)	•							,,,	0	20	>o	O
Partial	g bo	0	0	20	е	Þe	O	70	<u>.</u>			
Partial usable)		0							Þe	0	20	О
Partial	•	≘	<u>=</u>	<u>e</u>) <u>e</u>	<u>o</u>	<u>•</u>	Þ <u>⊕</u>	0	٥٥	0	‡o
Partial lightly)		the-	9	to.	0							
n Partial nusable)	<u>≘</u>	# <u>≅</u>	<u>•</u>	‡ <u>o</u>	<u>e</u>	<u>e</u>	‡ <u>o</u>	O.	‡ o	0	‡o	‡e
usable)	± ±	‡ <u>o</u>	<u>o</u>	_	ha							
n Partial slightly)	=	r=	=	<u>o</u>) <u>•</u>	Ω	‡ o	0	#o	0		#0
lightly)											0	1
111	Ω		be	0	ho							n .
Partial	<u>9</u> ≘	<u>o</u>	b <u>e</u>	٥	þ <u>o</u>	0	‡o	0	0	þe	0	‡e
inginity)) o					0	#o	0	8	be	ο	
nightly)	<u>a</u> 5 5 6	<u>e</u>	þ <u>o</u>	Ω	þo	0	#o	o	0	þe	0	
n Partial Normal)) <u>e</u>	Ω	þa	0		0	‡o	þe	Ө О	be		#0
n Partial Normal)) <u>e</u>					o 	‡α •		0			#0
h Partial Normal) h Partial nusable)		Ω	þa	0		о ро		be		Þe	20	0
n Partial Normal)		Φ.)-e-	0	be	o bo	#a •	þe			0	\$ 0
Partial Normal) Partial ausable) Partial ausable)		Φ.)-e-	0	bo	o bo		bo bo	0	þe þe	20	0
h Partial Normal) h Partial nusable) h Partial		<u>Φ</u>) <u>o</u>	0	be	o bo		be		Þe	20	0
n Partial Normal) n Partial nusable) n Partial Slightly)		<u>Φ</u>) o	ο ο	bo bo	0 be	ю #0	bo bo	0	þe þe	20	e e
h Partial Normal) h Partial nusable)		<u>Φ</u>) <u>o</u>	0	bo	o bo		bo bo	0	þe þe	20	e e
h Partial h Partial h Partial h Partial slightly) h Partial h Partial h Partial h Partial		φ. • • • • • • • • • • • • • • • • • • •) o	ο ο	bo bo	0 be	ю #0	bo bo	e #e	þe Þe	0 0	je o je
h Partial h Partial h Partial h Partial h Partial h Partial Slightly)		<u>Φ</u>) o	ο ο	bo bo	0 be	ю #0	bo bo	e #e	þe Þe	0 0	je o je
n Partial nusable)		φ. • • • • • • • • • • • • • • • • • • •) o	ο ο	bo bo	0 be	ю #0	bo bo	e #e	þe Þe	0 0	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Partial sightly)		φ. • • • • • • • • • • • • • • • • • • •) o	ο ο	bo bo	0 be	ю #0	bo bo	e e #e) e	0 0 0	e e e e e e e e e e e e e e e e e e e
Partial susable) Partial lightly) Partial lightly) Partial lightly Partial lightly Partial lightly Partial lightly Partial lightly Partial lightly	18	φ. • • • • • • • • • • • • • • • • • • •) o	ο ο	bo bo	0 be	ю #0		e #e	þe Þe	0 0	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Partial sightly)	18	φ φ φ φ α α	be be	o o	bo bo	0 0 0	ο #ο •	bo bo	e #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0	þe e be	ο ο ο ο ο	ре — — — — — — — — — — — — — — — — — — —
Partial sightly)	18	φ. • • • • • • • • • • • • • • • • • • •) o	ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο	bo bo bo	0 0 0	ο #ο •	bo bo	e e e e e e e e e e e e e e e e e e e) e	0 0 0	e e e e e e e e e e e e e e e e e e e
Partial sightly)	16	φ φ φ φ α α	be b	o o	bo bo	0 0 0	ο	bo bo	e #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0 #0) e	o o o o o o o o o o o o o o o o o o o	e e fo fo for the formatting for
a Partial allightly) a Partial allightly) a Partial allightly) a Partial allightly) b Partial allightly) a Partial allightly) b Partial allightly) c Partial allightly) d Partial allightly)	16	φ φ φ φ α α	be b	ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο	bo bo bo	0 0 0	© © © © © © © © © © © © © © © © © © ©	bo bo bo bo bo bo compensating:	e e e e e e e e e e e e e e e e e e e	be b	O O O O O O O O O O O O O O O O O O O	e e e e e e e e e e e e e e e e e e e