



UNITED STATES NAVAL ACADEMY

PIPE ORGAN SPECIFICATION

ANT PEDAL

32 UNTERSATZ
16 PRINCIPAL
16 SUBBASS
16 FLUTE CONIQUE
8 OCTAVE
8 SPITZFLOTE
8 GEDECKT
4 CHORALBASS
4 HARMONIC FLUTE
2 2/3 MIXTURE IV
32 CONTRA TRUMPET
16 DOUBLE TRUMPET
16 FAGOTTO
8 TRUMPET
4 OBOE
4 ROHR SCHALMEI
8 GREAT TO PEDAL
4 GREAT TO PEDAL
8 SWELL TO PEDAL
4 SWELL TO PEDAL

GOSPEL PEDAL

16 ENGLISH HORN
16 BOMBARDE
16 DIAPHONE
16 TIBIA CLAUSA
16 CLARINET
16 CONTRA VIOL
16 BOURDON
8 ENGLISH HORN
8 TUBA MIRABILIS
8 DIAPHONIC DIAPASON
8 TIBIA CLAUSA
8 TIBIA MINOR
8 CLARINET
8 VIOLS II
8 FLUTE
8 ACCOMP TO PEDAL

PERC PEDAL

PEDAL FLEMISH BELLS
TYMPANI (STRIKE)
TYMPANI ROLL I (SLOW)
TYMPANI ROLL II (FAST)
BASS DRUM
CRASH CYMBAL
BRUSH CYMBAL
TRIANGLE
SNARE DRUM TAP
SNARE DRUM ROLL

ETH PEDAL

32 CONTRA GAMBA
16 DIAPHONE
16 GAMBA
16 GROSS GAMBA
16 GROSS GAMBA #
16 BASS VIOL
16 BASS VIOL #
16 STOPPED DIAPASON
8 DIAPHONE OCTAVE
8 OCTAVE GAMBA
8 VIOL
8 VIOL #
8 FLUTE
4 ANGELIC FLUTE
16 BASSOON
TOWER BELLS
ECHO CHIMES
CARILLON

PEDAL

32 DOUBLE OPEN WOOD
32 DOUBLE DIAPASON
32 CONTRABASS
32 CONTRA BOURDON
32 DULCIANA
16 OPEN WOOD
16 OPEN DIAPASON
16 SUB PRINCIPAL
16 VIOLONE
16 SUBBASS
16 GEDECKTPOMMER
16 BOURDON DOUX
16 CONTRE VIOLE
16 VIOLE CÉLESTE
16 DULCIANA
10 2/3 SUB QUINT
8 2/3 BASS FLUTE
8 PRINCIPAL
8 OCTAVE
8 VIOLONCELLO
8 BOURDON
8 SPITZFLOTE
8 DOLCE
4 CHORAL BASS
4 FIFTEENTH
4 FLUTE D'AMOUR
4 NACHTHORN
2 WALDFLOTE
2 2/3 HARMONICS V
1 1/3 MIXTURE IV
64 GRAVE MIXTURE IV
32 DOUBLE OPHICLEIDE
32 OPHICLEIDE
32 CONTRE BOMBARDE
32 WALDHORN
16 TROMBONE
16 BOMBARDE
16 DOUBLE TRUMPET
16 POSAUNE
16 HUNTING HORN
16 BASSOON
8 TROMBA
8 TROMPETTE
8 TROMBA
8 HUNTING HORN
4 CLAIRON
4 CORNO DI BASSETTO
4 ROHR SCHALMEI
8 COR DE LA MER
8 ENGLISH TUBA
8 TROMPETTE MILITAIRE
8 MICHAEL'S TRUMPET
8 TROMPETTE HEROIQUE
CHIMES
16 CONTRE VIOLES II

ETH STRING (FLOAT)

16 GROSS GAMBA
16 GROSS GAMBA #
16 BASS VIOL
16 BASS VIOL #
8 VIOLIN DIAPASON
8 CELLO
8 CELLO CELESTE B
8 CELLO CELESTE #
8 GAMBA
8 GAMBA B
8 GAMBA #
8 VIOL
8 VIOL B
8 VIOL #
8 FIRST VIOLIN
8 FIRST VIOLIN B
8 FIRST VIOLIN #
8 SECOND VIOLIN
8 SECOND VIOLIN B
8 SECOND VIOLIN #
8 THIRD VIOLIN
8 THIRD VIOLIN B
8 THIRD VIOLIN #
8 MUTED STRING
8 MUTED STRING B
8 MUTED STRING #
8 DULCIANA CELESTE III
8 VOX ANGELICA CELESTE II
4 OCTAVE CONIQUE
4 MUTED STRING
4 MUTED STRING B
4 MUTED STRING #
4 DULCIANA CELESTE II
4 VOX ANGELICA CELESTE II
2 2/3 DOLCE MIXTURE III
16 VOX HUMANA
8 BASSOON
8 FIRST VOX HUMANA
8 SECOND VOX HUMANA
8 THIRD VOX HUMANA
REEDS TREMULANT
FLUES TREMULANT

SWELL (III)

16 BOURDON DOUX
16 CONTRE VIOLE
16 VIOLE CÉLESTE
8 OPEN DIAPASON
8 PRINCIPAL ETROIT
8 VIOLIN DIAPASON
8 BOURDON
8 VIOLA
8 VIOLA CELESTE
8 VIOLE DE GAMBE
8 GAMBE CELESTE
8 VIOLE
8 VIOLE CÉLESTE
8 SALICIONAL
8 VOIX CÉLESTE
8 AEOLINE
8 UNDA MARIS
8 SYLVESTRINA CELESTE II
8 GEMSHORN CELESTE II
8 FLUTE CÉLESTE II
4 PRINCIPAL
4 PRESTANT
4 FLÛTE TRAVERSIÈRE
2 2/3 TWELFTH
2 OCTAVIN
2 FLÛTE À BEC
1 3/5 SEVENTEENTH
1 1/3 NINTEENTH
2 PLEIN JEU IV-V
1 CYMBALE III-IV
JEU DE CLOCHETTE III
16 CONTRA TROMPETTE
16 WALDHORN
8 ENGLISH TRUMPET
8 FRENCH TROMPETTE
8 HAUTBOIS
8 VOIX HUMAINE P
8 VOIX HUMAINE MP
4 CLAIRON
4 TRUMPET CLARION
TREMULANT
VOIX TREMULANT
SWELL 16'
UNISON OFF
SWELL 4'
8 COR DE LA MER
8 ENGLISH TUBA
8 TROMPETTE HEROIQUE
16 VIOLE CELESTE II
8 VIOLA CELESTE II
8 TUBA IMPERIAL

ANT SWELL (III)

16 STOPPED DIAPASON
8 GEIGEN DIAPASON
8 CHIMNEY FLUTE
8 SPITZFLOTE
8 SPITZFLOTE CELESTE
8 VIOLE DE GAMBE
8 VIOLE CELESTE
4 PRINCIPAL
4 HOHLFLUTE
2 BLOCKFLUTE
2 FOURNITURE IV
16 BOMBARDE
8 TROMPETTE
8 OBOE
8 ECHO VOX HUMANA
4 CLAIRON
TREMULANT
VOX TREMULANT
SWELL 16
UNISON OFF
SWELL 4
8 TROMPETTE ROYALE
8 COR DE LA MER
ANTIPHONAL SWELL ON GREAT
ANTIPHONAL SWELL OFF SWELL
ANTIPHONAL SWELL ON CHOIR
ANTIPHONAL SWELL ON SOLO
ANTIPHONAL SWELL ON BOMBARDE

PERCUSSION

SYMPHONIC BELLS
MAJOR BELLS
FLEMISH BELLS
WOOD HARP
ORCHESTRAL HARP
CHRYSOGLOTT
MINOR BELLS
CELESTA
XYLOPHONE
GLOCKENSPIEL
CHIMES
ECHO CHIMES
SNARE DRUM ROLL
INSIDE BELLS
INSIDE BELLS
OUTSIDE BELLS
OUTSIDE BELLS
GLOCKENSPIEL RE-IT
WOOD HARP RE-IT
PERCUSSION ON GREAT
PERCUSSION ON SWELL
PERCUSSION ON CHOIR
PERCUSSION ON SOLO
PERCUSSION ON BOMBARDE
PERCUSSION ON 2ND TOUCH
ROLL CYMBAL
CRASH CYMBAL
BASS DRUM
THUNDERS
THUNDER GRANDE

GOSPEL TREMS

CHRYSOGLOTT TREMULANT
TUBA TREMULANT
VOX/SAXAPHONE TREMULANT
TIBIA TREMULANT
SOLO TREMULANT
CLARINET TREMULANT
MAIN TREMULANT



SOLO (IV)

16 VIOLONCELLO
16 VIOLONCELLO CELESTE
8 STENTORPHONE
8 HOHLFLUTE
8 HARMONIC FLUTE
8 SOLO GAMBA
8 SOLO GAMBA CELESTE
8 VIOLA POMPOSA
8 VIOLA CELESTE
4 FLUTE D'AMOUR
2 MARCHING FIFES III
16 CORNO DI BASSETTO
8 TUBA SONORA
8 FRENCH HORN
8 FLUGEL HORN
8 CLARINET
8 COR ANGLAIS
8 ORCHESTRAL OBOE
TREMULANT
CHIMES
SOLO 16'
UNISON OFF
SOLO 4'
8 MOUNTED CORNET V
8 COR DE LA MER
8 ENGLISH TUBA
16 TROMPETTE MILITAIRE
8 TROMPETTE MILITAIRE
8 TROMPETTE HEROIQUE

ETH SOLO (IV)

8 STRING ENSEMBLE VI
8 ANGELIC FLUTE
4 ORCHESTRAL FLUTE
8 FRENCH HORN
8 HECKELPHONE
8 CLARINET
8 ENGLISH HORN
TREMULANT
TOWER BELLS
ECHO CHIMES
16 TUBA IMPERIAL
8 TUBA IMPERIAL
8 MICHAEL'S TRUMPET
ETH SO OFF SO / ON BOMB
8 TUBA IMPERIAL
8 MICHAEL'S TRUMPET

BOMBARDE (V)

8 GRAND DIAPASON
4 GRAND OCTAVE
8 MOUNTED CORNET V
2 2/3 GRAND MIXTURE V
16 BOMBARDE HARMONIQUE
8 TROMPETTE HARMONIQUE
4 CLAIRON HARMONIQUE
TREMULANT
UNISON OFF
16 COR DE LA MER
8 COR DE LA MER
8 ENGLISH TUBA
8 TROMPETTE MILITAIRE
8 TUBA SONORA
8 TUBA IMPERIAL
8 MICHAEL'S TRUMPET
8 TROMPETTE HEROIQUE
8 ANGELIC FLUTE
CARILLON

GREAT (II)

16 SUB PRINCIPAL
16 CONTRABASS
16 GEDECKTPOMMER
8 MAJOR PRINCIPAL
8 PRINCIPAL
8 DOPPELFLUTE
8 GAMBA
8 GAMBA CELESTE
8 GAMBA CELESTE II
8 GEDECKT
8 GEMSHORN
8 ERZAHLER CELESTE II
4 MAJOR OCTAVE
4 OCTAVE
4 HARMONIC FLUTE
4 SPITZFLUTE
4 ERZAHLER CELESTE II
2 2/3 TWELFTH
2 SUPER OCTAVE
2 FIFTEENTH
2 BLOCKFLUTE
1 3/5 TIERCE
1 1/3 FULL MIXTURE IV
1 SHARP MIXTURE III
16 DOUBLE TRUMPET
16 POSAUNE
8 TROMBA
8 TROMPETE
5-1/3 TROMBA QUINT
4 CLARION
4 KLARINE
TREMULANT
UNISON OFF
8 ENGLISH TUBA
8 TROMPETTE MILITAIRE
8 TROMPETTE HEROIQUE

ANT GREAT (II)

16 VIOLONE (ENCLOSED)
8 DIAPASON (ENCLOSED)
8 PRINCIPAL
8 HARMONIC FLUTE (ENC)
8 BOURDON (ENC)
8 CELLO CELESTE II (ENC)
8 VIOLONCELLO (ENC)
8 CELLO CELESTE (ENC)
4 OCTAVE (ENC)
4 PRESTANT
4 OPEN FLUTE (ENC)
2 2/3 TWELFTH (ENC)
2 SUPER OCTAVE
1 3/5 TIERCE (ENC)
1 1/3 MIXTURE IV (ENC)
1 CYMBEL III (ENC)
16 TROMBA (ENC)
8 TRUMPET (ENC)
4 CLARION (ENC)
ANTIPHONAL CHIMES
ZIMBELSTERN
TREMULANT
16 SWELL TO GREAT
8 SWELL TO GREAT
4 SWELL TO GREAT
ANTIPHONAL GREAT ON SWELL
ANTIPHONAL GREAT ON CHOIR
ANTIPHONAL GREAT ON SOLO
ANTIPHONAL GREAT ON BOMBARDE

GOSPEL GREAT (II)

16 ENGLISH HORN
 16 BOMBARDE
 16 DIAPHONE
 16 TIBIA CLAUSA
 16 CLARINET
 16 CONTRA VIOL
 16 VIOL CELESTE
 16 BOURDON
 16 VOX HUMANA
 8 ENGLISH HORN
 8 TUBA MIRABILIS
 8 BRASS TRUMPET
 8 DIAPHONIC DIAPASON
 8 TIBIA CLAUSA
 8 CLARINET
 8 SAXOPHONE
 8 KINURA
 8 VIOL D'ORCHESTRE
 8 VIOL CELESTE
 8 CONCERT FLUTE
 8 VOX HUMANA
 5 1/3 TIBIA FIFTH
 4 OCTAVE
 4 TIBIA PICCOLO
 4 VIOL D'ORCHESTRE
 4 VIOL CELESTE
 4 FLUTE
 2 2/3 TIBIA TWELFTH
 2 2/3 TWELFTH
 2 TIBIA PICCOLO
 2 FIFTEENTH (VDO)
 2 PICCOLO
 1 3/5 TIBIA TIERCE
 1 FIFE
 GLOCKENSPIEL
 XYLOPHONE
 CHRYSOGLOTT
 TUNED SLEIGH BELLS
 UNISON OFF
 4 GREAT OCTAVE

POSITIV (I)

8 PRINCIPAL
 8 ROHRFLOTE
 8 VIOLE CELESTE II
 8 GEMSHORN
 8 GEMSHORN CELESTE
 8 SPINDLE FLUTE
 4 PRINZIPAL
 4 NACHTHORN
 2 2/3 NAZARD
 2 FIFTEENTH
 2 FLACHFLOTE
 1 1/3 MIXTURE IV
 2/3 ZIMBEL III-IV
 16 FAGOT
 8 TRUMPET
 UNISON OFF
 ZIMBELSTERN

CHOIR (I)

16 DOUBLE DULCIANA
 8 ENGLISH DIAPASON
 8 SPITZVIOLE
 8 SPITZVIOLE CELESTE
 8 HOLTZGEDECKT
 8 MÉLODIE
 8 BOIS CÉLESTE
 8 DULCIANA CELESTE III
 4 PRINCIPAL
 4 KOPPELFLUTE
 4 DULCETT II
 2 2/3 ROHRNASAT
 2 PICCOLO
 1 3/5 TIERCE
 1 1/3 LARIGOT
 1 FIFE
 1 KLEIN MIXTURE IV
 16 CORNO DI BASSETTO
 16 BASSOON
 8 TUBA SONORA
 8 TROMPETTE HEROIQUE
 8 CORNOPEAN
 8 CROMORNE
 8 FLUGEL HORN
 8 CLARINET
 8 COR ANGLAIS
 8 OBOE DE AMORE
 METAL HARP
 TREMULANT
 TREMULANT FULL
 CHOIR 16
 UNISON OFF
 CHOIR 4
 8 COR DE LA MER
 8 ENGLISH TUBA
 8 TROMPETTE MILITAIRE
 16 MICHAEL'S TRUMPET
 8 MICHAEL'S TRUMPET
 16 TUBA IMPERIAL
 8 TUBA IMPERIAL
 8 FRENCH HORN

GOSPEL CHOIR (I)

16 VIOL D'ORCHESTRE
 8 BRASS TRUMPET
 8 DIAPHONIC DIAPASON
 8 TIBIA CLAUSA
 8 CLARINET
 8 VIOL D'ORCHESTRE
 8 VIOL CELESTE
 8 CONCERT FLUTE
 8 VOX HUMANA
 4 OCTAVE
 4 TIBIA PICCOLO
 4 VIOL D'ORCHESTRE
 4 VIOL CELESTE
 4 FLUTE
 4 VOX HUMANA
 2 2/3 TWELFTH
 2 PICCOLO
 WOOD HARP SUB
 WOOD HARP
 CHRYSOGLOTT
 CASTANETS
 TAMBOURINE
 SNARE DRUM
 BRUSH CYMBAL
 CHOKE CYMBAL
 TRIANGLE
 TOM TOM
 CHINESE (WOOD) BLOCK
 4 ACCOMPANIMENT OCTAVE
 CHIMES

2ND TOUCH (I)

8 ENGLISH HORN
 8 TUBA MIRABILIS
 8 BRASS TRUMPET
 8 DIAPHONIC DIAPASON
 8 TIBIA CLAUSA
 8 TIBIA MINOR
 8 CLARINET
 8 SAXAPHONE
 4 TIBIA CLAUSA
 WOOD HARP SUB
 CHIMES
 GLOCKENSPIEL OCTAVE
 BRUSH CYMBAL
 TRIANGLE
 SLEIGH BELLS
 TRAPS TO 2ND TOUCH

MISC CONTROLS

GREAT TO PEDAL
SWELL TO PEDAL
CHOIR TO PEDAL
SOLO TO PEDAL
BOMBARDE TO PEDAL
STRING TO PEDAL
SWELL TO GREAT
CHOIR TO GREAT
POSITIV TO GREAT
BOMBARDE TO GREAT
STRING TO GREAT
SWELL TO CHOIR
BOMBARDE TO CHOIR
STRING TO CHOIR
STRING TO SWELL
ETHERIAL SOLO ON BOMBARDE

64' DOUBLE OPHICLEIDE
32' OPHICLEIDE
32' CONTRE BOMBARDE
32' CONTRA BASSOON
32' DOUBLE OPEN WOOD
32' DOUBLE DIAPASON
32' CONTRABASS
32' CONTRA BOURDON
32' DULCIANA

TUTTI I
TUTTI II

CRESCENDO I
CRESCENDO II
CRESCENDO III

PROGRAMMABLE REVERSIBLE 1
PROGRAMMABLE REVERSIBLE 2
PROGRAMMABLE REVERSIBLE 3
PROGRAMMABLE REVERSIBLE 4
PROGRAMMABLE REVERSIBLE 5
PROGRAMMABLE REVERSIBLE 6
PROGRAMMABLE REVERSIBLE 7
PROGRAMMABLE REVERSIBLE 8
PROGRAMMABLE REVERSIBLE 9
PROGRAMMABLE REVERSIBLE 10
PROGRAMMABLE REVERSIBLE 11

PEDAL COMBINE WITH GREAT
PEDAL COMBINE WITH SWELL
PEDAL COMBINE WITH CHOIR
PEDAL COMBINE WITH STRING

FLAT CELESTES OFF
SHARP CELESTES OFF
BOMB/ETH SOLO PISTON EXCHANGE

ALL SWELLS TO SWELL
ALL SWELLS TO SOLO
BOMBARDE EXPRESS ON I
BOMBARDE EXPRESS ON IV
STRING EXPRESS ON I
STRING EXPRESS ON III
STRING EXPRESS ON IV
ETHEREAL SOLO EXPRESS ON I
PERCUSSION EXPRESS ON IV
ANT ENC. GREAT EXPRESS ON II
ANT SWELL EXPRESS ON III

TREMULANTS REVERSIBLE

COMBINATIONS

GENERAL	24
GREAT	8 + CANCEL
SWELL	8 + CANCEL
CHOIR/POS	8 + CANCEL
SOLO	6 + CANCEL
BOMBARDE	4 + CANCEL
ETH STRING	6 + CANCEL
ETH SOLO	4
PERCUSSION	5 + CANCEL
PEDAL	6
COUPLERS	4
SET	
GENERAL CANCEL	
NEXT	
PREVIOUS	

CHANCEL CONSOLE SPECIFICATION

268 RANKS PLUS PERCUSSIONS AND TRAPS

522 DRAWKNOBS

796 CONTROLS



SUMMARY

THE NAVAL ACADEMY CHAPEL ORGAN DATES BACK TO 1908. THE HUTCHINS ORGAN COMPANY OF BOSTON, MA BUILT THE ORIGINAL INSTRUMENT. IN 1940, THE MÖLLER ORGAN COMPANY OF HAGERSTOWN, MD WAS CONTRACTED TO BUILD A LARGER INSTRUMENT TO SUPPORT MUSIC IN THE NEWLY ENLARGED CHAPEL. THROUGH THE YEARS, THE ORGAN HAS UNDERGONE SEVERAL ENHANCEMENTS AND RENOVATIONS. MOST OF THESE ENRICHMENTS TO THE INSTRUMENT HAVE BEEN MADE POSSIBLE THROUGH GENEROUS GIFTS OF INDIVIDUALS AND CLASSES. THE CURRENT INSTRUMENT, COMPRISED OF BOTH PIPE AND DIGITAL VOICES, TOTALS 268 RANKS AND IS CONTROLLED BY TWO CONSOLES.

THE CHANCEL'S NEW FIVE-MANUAL CONSOLE, CRAFTED BY R. A. COLBY, INC. OF JOHNSON CITY, TN, BOASTS 522 DRAW KNOBS, AND IN ADDITION TO THE OTHER CONTROLS AVAILABLE TO THE ORGANIST, YIELDS 796 TOTAL CONTROLS. THE PREVIOUS CONSOLE TO OCCUPY THE CHANCEL HAS FOUR-MANUALS AND HAS BEEN REFURBISHED AND INSTALLED IN THE GALLERY. BOTH CONSOLES OPERATE VIA COMPUTER CONTROL SYSTEMS FURNISHED BY WALKER TECHNICAL COMPANY OF ZI-ONSVILLE, PA, THE GENERAL CONTRACTOR. THE DIGITAL PIPE REPRODUCTION VOICES ARE ALSO FROM WALKER TECHNICAL CO.

CONCERT INFORMATION IS ONLINE AT [HTTP://WWW.USNA.EDU/MUSIC/INDEX.HTML](http://www.usna.edu/music/index.html), OR BY CALLING 410-293-TIXS (410-293-8497).

MONTE MAXWELL,
CHAPEL ORGANIST, ASSISTANT DIRECTOR OF MUSIC, U.S.N.A.



UNITED STATES NAVAL ACADEMY

PIPE ORGAN SPECIFICATION

