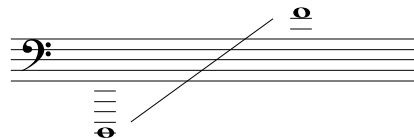
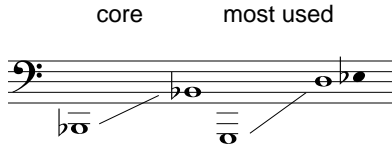
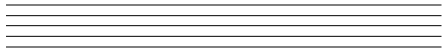
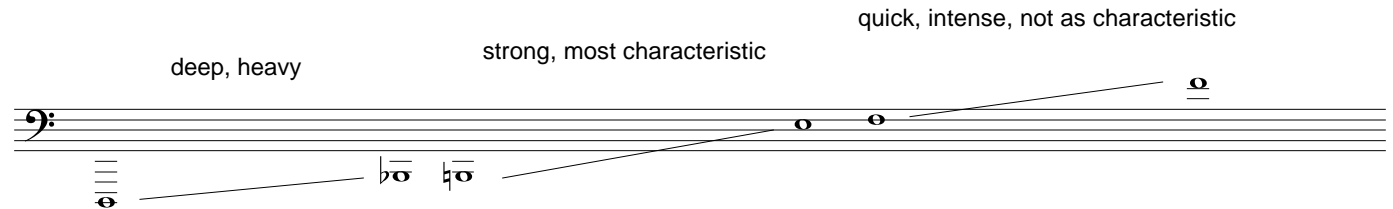


ASU - Instrumentation/Arranging  
 Fall 1999  
 Dr. Crist  
 INSTRUMENTAL CHECKLIST

Name of Instrument : Tuba

Range	Most Used Range (written)	Transposition
		

Register Characteristics :



**Use in Ensemble :** Bass. Produces a somewhat fuzzy, round tone. May be used to double the double bass or low winds.

Parts of Instrument :

**Response Problems :** Takes lots of breath. High range is easiest when louder. Be careful of air requirements in the low range. In general, avoid fast technical passages. The notes below the low F are weak and less solid so try to avoid them.

**Intonation Problems :** Lowest and upper register.

**Fingering Problems :** Different fingerings for each tuba. Additional 4th valve lowers the fundamental a perfect 4th.

**Other Comments :**

- (1) Construction: Conical instrument.
- (2) Has a mellow sound but can be powerful in its strongest register.
- (3) Blends well with other instruments.
- (4) Speaks somewhat sluggishly in the lowest register.
- (5) Upper register is better given to the trombone.