

# Fixed Income: Bonds, CDs, Notes, Preferred Stock

Working version of this template available; email: [flightscience@msn.com](mailto:flightscience@msn.com)

	Enter Green Fields Only	
Bond settlement date	2/2/23	Date bought or came into effect
Bond maturity date	1/28/30	Date bond matures
Annual Coupon Rate	5.1000%	Annual coupon, dividend, interest rate
Frequency	2	times per year
basis (see below or use 1)	1	for actual/actual enter 1
price	100	dollars at purchase
redemption	100	dollars paid at maturity
Call Date	7/28/25	'First' call date
Yield to call (Yield to Worst)	5.100%	Yield if bond called
Yield to maturity	5.100%	Bond held to maturity
Years to call	2.48	Years to first call
Years to maturity	6.99	Years to maturity
Modified duration	5.81	Modified Macaulay duration
A 1% rise in interest rates will cause	5.81%	percent drop in bond value

Basis	Day count basis
0 or omitted	US (NASD) 30/360
1	Actual/actual
2	Actual/360
3	Actual/365
4	European 30/360



- Bond Pricing
- To find proper price of bond:
1. go to 'Data' then What -if
  2. then goal seek
  3. set cell B16
  4. Enter prevailing interest rate enter as fraction 10%=.1
  5. changing cell as B12
  6. Read Price at B12

**This calculator has not been fully tested.**

**User assumes all risk!**

**Consult a professional to verify results.**

Marc Finkelstein 2023