CUSIF	P NO. 05343	P109	13G	
1	Name of Reporting Person / IRS Identification Number: Advisory Research, Inc. / 36-2831881			
2	Check the Appropriate Box if a Member of a Group (a) [(See Instructions) (b) [
3	SEC Use Only			
4	Citizenship or Place of Organization Delaware			
Nu	umber of	5	Sole Voting Power	
5	Shares		309500	
Bene	eficially	6		
Ow	Owned By		Shared Voting Power O Shares	
	Each			
Reporting		7	Sole Dispositive Power 309500	
	Person			
	With		Shared Dispositive Power 0 Shares	
9	Aggregate Amount Beneficially Owned by Each Reporting Person			
	309500			
10	Check if Shares [egate Amount in Row (9) Excludes Certain (See Instructions)	
 11	Percent of Class Represented by Amount in Row (9)			
	9.717%			
12	Type of R IA	eporting	Person	
Item Item	. ,	Name of ONE AME	Issuer: AVALON HOLDINGS CORP-A Issuer's Principal Executive Offices: RICAN WAY OH 44484-5555	

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Item 2	(a)	Person Filing - Advisory Research, Inc.				
Item 2	(b)	Address - 180 North Stetson St., Suite 5500 Chicago, IL 60601				
Item 2	(c)	Citizenship - Advisory Research, Inc.is a Delaware Corporation				
Item 2 Item 2	(d) (e)	Title of Class of Securities - CLASS A CUSIP Number - 05343P109				
Item 3		If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b), check whether the person filing is a:				
		<pre>(a) [] Broker or Dealer registered under Section 15 of the Act</pre>				
		(b) [] Bank as defined in Section 3(a)(6) of the Act				
		<pre>(c) [] Insurance Company as defined in Section 3(a)(19) of the Act</pre>				
		<pre>(d) [] Investment Company registered under Section 8 of the Investment Company Act</pre>				
		(e) [X] Investment Advisor in accordance with section 240.13d-1(b)(1)(ii)(E)				
		<pre>(f) [] Employee Benefit Plan or Endowment Fund in accordance with section 240.13d-1(b) (1)(ii)(F)</pre>				
		<pre>(g) [] Parent Holding Company or Control Person in accordance with secton 13d-1(b) (1)(ii)(G)</pre>				
		<pre>(h) [] A savings association as defined in section 3(b) of the Federal Deposit Insurance Act</pre>				
		(i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940				
Item 4	Owne	wnership				
	(a)	Amount Beneficially Owned: Advisory Research, Inc. 309500 Shares				
	(b)	Percent of Class 9.717%				
	(c)	Number of shares as to which reporting person has:				

(c) Number of shares as to which reporting person has:
(i) Sole Voting Power 309500 Shares
(ii) Shared Voting Power 0 Shares
(iii) Sole Dispositive Power 309500 Shares
(iv) Shared Dispositive Power 0 Shares

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- Item 5 Ownership of Five Percent or Less of a Class: If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following []
- Item 6 Ownership of More than Five Percent on Behalf of Another Person: Not Applicable
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security being Reported on by the Parent Holding Company: Not Applicable
- Item 8 Identification and Classification if Members of the Group: Not Applicable
- Item 9 Notice of Dissolution of Group: Not Applicable
- Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

02/10/2005

Date

/s/ Brien M. O'Brien

Signature

Brien M. O'Brien, Chairman

Name/Title